VINSCUBE
Learning & Consulting

NEXGEN IDEA OF EXECUTION !!

CORPORATE LEARNING & IT CONSULTING

Let us build the infrastructure for your success!

PRESENTED BY

VINSCUBE

📞 +918962819210

www.vinscube.com

Info@vinscube.com

FRAMEWORK

Mission

- To become a leading force in shaping future-read IT professionals and delivering impactful digital solutions empowering individuals and organizations to thrive in a rapidly evolving tech landscape.

Vision

- Educate and empower aspirants through industry-relevant training and mentorship.

- Deliver customised IT consulting services that drive transformation and solve real business challenges.

- Connect the right talent to the right opportunities through agile staffing solutions

Welcome to Vinscube Learning & IT consulting, an ed-tech by Vinscube Learning and Consulting partners.
Our Live cohort-based courses delivered by industry experts enable high-growth enterprises to up-skill talent in line with the business mandate.

A leading provider of professional development opportunities in Online and Classroom Mode, We offer a wide range of training programs in areas such as leadership, project management, Business analysis, Scrum, finance, and technology.
Our courses are designed to meet the needs of Students, professionals, and Corporate Employees in various industries including finance, fin-tech, and software development.

Our mission is to help individuals and organizations reach their full potential through skill-building and knowledge-sharing. We are proud to offer flexible scheduling, online learning options, and a team of experienced instructors to support our candidate's success."We are an ed-tech startup working with high-growth enterprises for their training needs across different functions revolutionizing the L&D space. We work with experts such as yourself to deliver programs that would help upskill the talent.

OUR JOURNEY TIMELINE

We are growing Significantly

VINSCUBE
Learning & Consulting

| January 2018 | April 2020 | July 2021 | October 2022 |

We started Capital Market training , Finance and Operation

We introduced SCRUM Courses, Business Analysis

We included technical courses of AI, Data Engineer, Phython, helped Companies to implement JIRA and Software Solutions

We added Corporate consulting, IT solution Building and overseas staffing solutions.
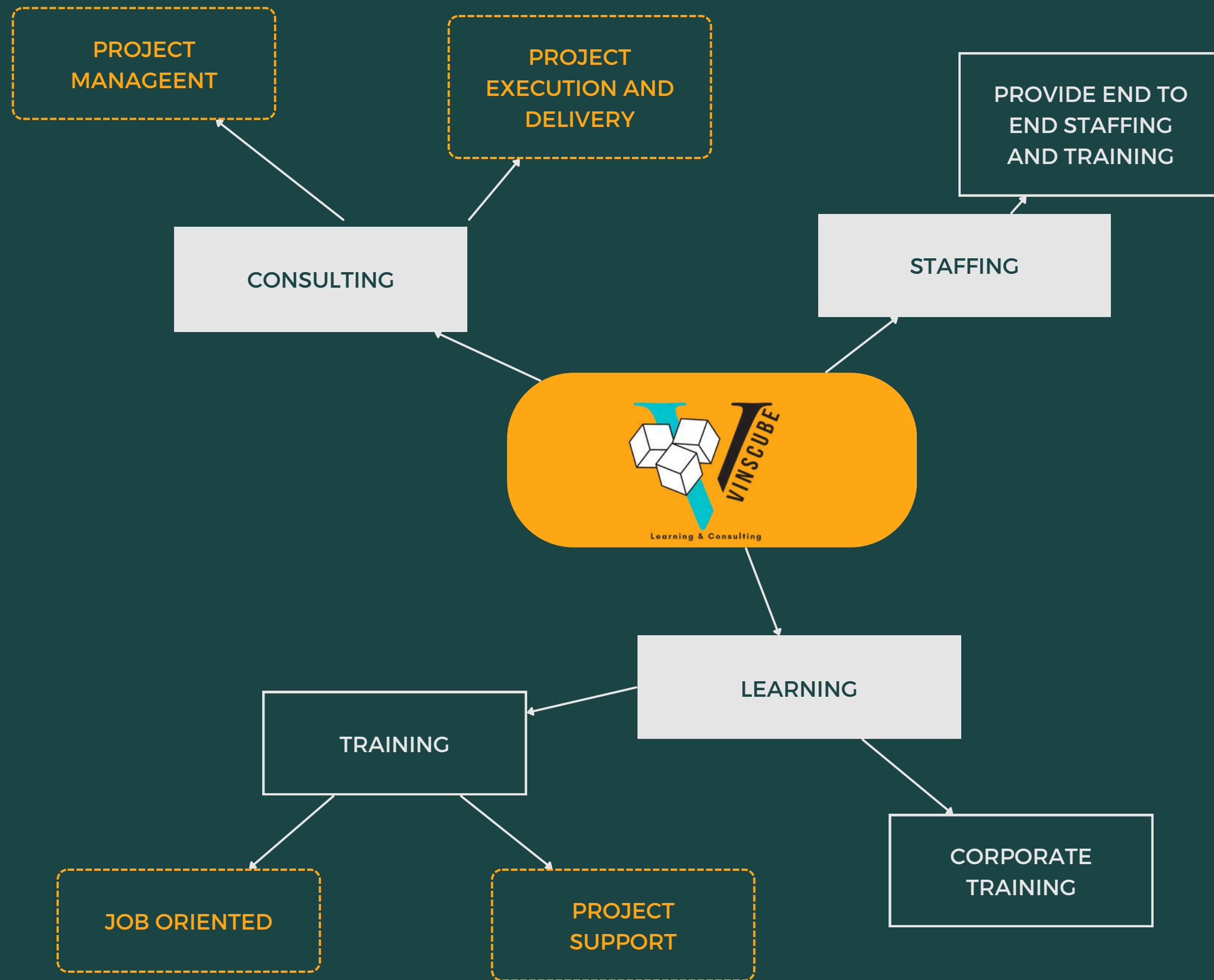
20 YEARS INDUSTRY EXPERIENCE

5000+ STUDENTS TRAINED

WE TEACH WHAT VALUE IN YOUR CAREER TO SUPPORT INDIVIDUAL AND ORGNIZATIONAL GROWTH

30+ CORPORATE PARTNERS, IT COMPANIES

20+ PROJECT DELIVERED

PROJECT MANAGEENT

PROJECT EXECUTION AND DELIVERY

PROVIDE END TO END STAFFING AND TRAINING

VINSCUBE
Learning & Consulting

PLAN

CONSULTING

STAFFING

VINSCUBE
Learning & Consulting

LEARNING

TRAINING

CORPORATE TRAINING

JOB ORIENTED

PROJECT SUPPORT

FOR INQUIRIES, CONTACT US.

VINSCUBE
Learning & Consulting

EMAIL

INFO@VINSCUBE.COM

WEBSITE

WWW.VINSCUBE.COM

CALL US

+918962819210

OUR MAJOR BUSINESS PARTNERS !!

tcs TATA CONSULTANCY SERVICES

Paytm

ZenSar

Bajaj Finance Limited

NEWEDGE FINANCE LIMITED

Jocata

i3

QUALPRO

OUR VERTICALS

We can bring value to your Business

Corporate Training

Training Programs for corporate Learning & Development

Corporate Consulting

Consulting Services to enable best practices and management

Staffing Solution

We satisfy the corporate requirements with providing right skill sets.

Vinscube
Learning & Consulting

NEXGEN IDEA OF EXECUTION !!

CORPORATE TRAINING & LEARNING

Let us build the infrastructure for your success!

PRESENTED BY

VINSCUBE

Our World of NextGenLearning !!

Finance & Fintech

- Capital market
- Investment Banking Operation
- Financial Modelling
- Payments, and Regulations
- BlockChain
- APIs
- Cybersecurity

Software Functional

- Business Analysis
- Scrum Master
- Project Management
- Product Owner

Technical

- JAVA
- React
- Angular
- Automation Testing
- Selenium
- Manual Testing
- CI/CD
- Data Engineering
- Big Data
- Hadoop
- PL/SQL
- MongoDB
- Elastic Search
- My/SQL

Analytical

- Python
- R
- Artificial Intelligence
- Machine Learning

Operational

- Process Training
- Adance Excel Training
- Accent Training
- Soft Skills
- Team Building
- Time Management
- team Bonding & Leadership

+918962819210

www.vinscube.com   Marketing@vinscube.com

CORPORATE TRAININGS

VINSCUBE Learning & Consulting

1	Business Analysis
2	Agile Scrum Master
3	Scrum Product Owner
4	Proejct Management
5	Capital Market
6	Investment Banking Operation
7	Financial Modelling

8	SQL
9	PYTHON
10	Fintech
11	Data Engineer
12	Time Management
13	Advance Excel
14	SoftSkills

NEXGEN IDEA OF EXECUTION !!

SOFTWARE FUNCTIONAL TRAINING

Let us build the infrastructure for your success!
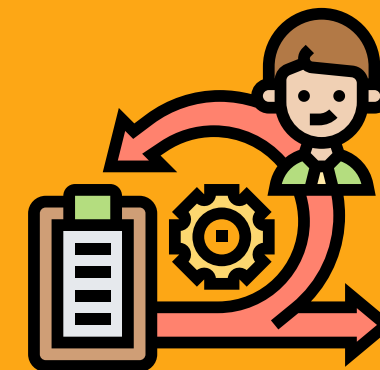

BUSINESS ANALYSIS

SCRUM MASTER

PROJECT MANAGER

PRODUCT OWNER

PRESENTED BY

VINSCUBE

BUSINESS ANALYSIS

- 60 Hours(Customizable) Business Analyst Training Program
- With hands-on Practice of BRD, JIRA and Scrum Ceremonies simulation

Business Analysis

Business Analyst Introduction

- Business Analyst -Roles and responsibilities, Various Stakeholders involvement. Hierarchical representation of Business Analyst profile.
- BA Jargons.Differences between Business Analysis and Business Analytics.

SDLC (Software Development life cycle)

- Software Development Life Cycle,
- Software Development Methodologies – Water Fall, Iterative, Agile,
- Project Development Vs Product Development , Software Testing,
- Test Plans, Test Automation.

Agile Scrum

- Work Distribution, Define Requirements Risks, Goals and Estimates, Requirements Scope,
- Measurements and Reporting,Different Scrum Ceremonies,Sprint velocity,Sprint variance
- Relative Estimate, T-shirt Sizing
- Scaled Agile Basic

Business Analysis Techniques & Enterprise Analysis

- Do's and Don'ts, SWOT & Moscow BA techniques ,
- Business Architecture, Enterprise architecture,
- Information and securities architecture.
- Goal of a Business Analyst

Requirements Elicitation, Collaboration & Documentation.

- Stakeholder Need Analysis, Elicitation : What and When, Requirement Gathering techniques, Business Use cases, Project Charter, Testing Guidelines and techniques
- SRS(System Required Specifications),
- BRD(Business Requirement Documents) Acceptance criteria.
- User Observation, workshop

Business Analysis

User Cases, Case studies, Story Grooming

- Case studies and hands-on practices, Acceptance criteria, UI & back end requirements.
- Mock-up Handling, Flow Diagram
- User interface ,BRD Key Parameters.

Project creation in JIRA/Youtrack - Hands On Practice

- Writing User Stories, Simulation of Sprint Planning,
- Simulation Retrospective ,
- Simulation Daily Stand-up
- Sprint Closing Definition of Done. Simulation Sprint review.
- Jira,Youtrack
- Confluence

Jira Project Evaluation

- Team Presentation. Milestone Evaluation EPIC Evaluation ,Stories Evaluation , Bug Analysis
- Support Rota
- Escalation Handling
- Scope creep Handling

Trouble-Shooting and Gap Analysis Methods

- SWOT Analysis.
- McKinsey 7s Model.
- Fishbone Diagram.
- 5 Why Method
- Mindmapping

BA validation, UAT and Production Support

- Test planning.
- Test case design and development.
- Test environment setup.
- Test execution.
- Test cycle closure

VINSCUBE
Learning & Consulting

AGILE SCRUM-MASTER

- 40 Hours of Scrum Training
- Simulation of Scrum ceremonies with hand-on practice of JIRA, Confluence, Scrum Metrics and Scrum Artifiacts and Scrum Reports

VINSCUBE

Learning & Consulting

SCRUM MASTER

SCRUM MASTER INTRODUCTION

- Overview of Scrum Roles, Scrum Master responsibilities and Authorities
- Scrum master Constraints
- Key Responsibilities of Agile Scrum Participants. Impact on Traditional Roles,
- Difference between Project Manager and Scrum Master

SDLC (SOFTWARE DEVELOPMENT LIFE CYCLE)

- Software Development Life Cycle,
- Software Development Methodologies – Water Fall, Iterative, Agile, etc.,
- Project Development Vs Product Development , Software Testing,
- Test Plans, Test Automation.

INTRODUCTION TO AGILE

- Agile Manifesto Define and describe the four values of Agile as stated in the Agile Manifesto. Scrum Foundations.
- Empirical and defined processes, Sprint, The Significance of "Done", The Five Scrum Values, Applicability of Scrum.

AGILE SCRUM

- Work Distribution, Define Requirements Risks, Goals and Estimates, Requirements Scope,
- Measurements and Reporting,Different Scrum Ceremonies,Sprint velocity,Sprint variance
- Relative Estimate, T-shrt Sizing
- Scaled Agile Basic

SCRUM CEREMONIES

- Sprint Planning Daily Scrum Meeting Sprint Review
- Sprint Retrospective Release Planning Backlog Refinement

VINSCUBE
Learning & Consulting

SCRUM MASTER

SCRUM ARTIFACTS

- Product Vision. The product vision is the long-term goal of the project or product,Product Backlog, Sprint Vision.
- Sprint Backlog,Definition of Done (DOD) ,Product Increment, Burndown Chart.

SCRUM METRICS

- Burn Down Chart
- Burn Up Chart
- Sprint velocity
- Sprint variance
- Relative Estimate
-

AGILE CASE STUDIES AND HANDS-ON

- Agile Case Studies
- Group activity and Agile Implementation JIRA and Confluence
- Various Agile Model
- SAFE Basics

SCRUM MASTER BEST PRACTICES

- Daily BAU practices of Scrum master do's and Dont's

STAKEHOLDER MANAGEMENT

- Stakeholder Need Analysis, Escalation and Project management aspect of Scrum team.
- Esclation and exception handeling

SCRUM PRODUCT OWNER

- 40 Hours of Scrum Product Owner training
- Simulation of Scrum ceremonies with hands-on practice of JIRA, Confluence, Project RoadMap Preparation and gantt Chart

VINSCUBE
Learning & Consulting

SCRUM PRODUCT OWNER

PRODUCT OWNER INTRODUCTION

- Overview of Scrum Roles, Scrum Product Owner responsibilities and Authorities
- Scrum product Owner Constraints and Responsibilities
- Key Responsibilities of Agile Scrum Participants. Impact on Traditional Roles,
- Difference between Project Manager and Product Owner

SDLC (SOFTWARE DEVELOPMENT LIFE CYCLE)

- Software Development Life Cycle,
- Software Development Methodologies – Water Fall, Iterative, Agile, etc.,
- Project Development Vs Product Development , Software Testing,
- Test Plans, Test Automation.

INTRODUCTION TO AGILE

- Agile Manifesto Define and describe the four values of Agile as stated in the Agile Manifesto. Scrum Foundations.
- Empirical and defined processes, Sprint, The Significance of "Done", The Five Scrum Values, Applicability of Scrum.

AGILE SCRUM

- Work Distribution, Define Requirements Risks, Goals and Estimates, Requirements Scope,
- Measurements and Reporting,Different Scrum Ceremonies,Sprint velocity,Sprint variance
- Relative Estimate, T-shrt Sizing
- Scaled Agile Basic

SCRUM CEREMONIES

- Sprint Planning Daily Scrum Meeting Sprint Review
- Sprint Retrospective Release Planning Backlog Refinement

VINSCUBE
Learning & Consulting

SCRUM PRODUCT OWNER

PRODUCT VISION, MISSION,SPRINT GOALS

- Product Vision. The product vision is the long-term goal of the project or product.
- Product Backlog, Sprint Vision,Sprint Backlog,Definition of Done (DOD) ,Product Increment, Burndown Chart.

PRODUCT ROADMAP AND REUIREMENT ELICITATION

- Requirement Elicitation techniques,
- Project Roadmap Creation and Prioritisation techniques
- project execution planning, Resourcing and estimation Planning

PRIORTIZATION OF PRODUCT BACKLOG, SPRINT BACKLOG

- Backlog management of EPIC, User Stories, Bugs, enhancement,
- Sprint Planning and Having N+2 Planning.
- Sprint segregation and Stories prioritisation

PROJECT CREATION IN JIRA

- Writing User Stories, Simulation of Sprint Planning,
- Simulation Retrospective ,
- Simulation Daily Stand-up
- Sprint Closing Definition of Done. Simulation Sprint review.
- Jira,Youtrack
- Confluence

MVP EARLY ADAPTORS AND RELEASE PLANNING

- Minimum Viable Product planning, Release notes Preparation and Aligning with deliveries of other Sprints in scaled agile Framework.

VINSCUBE
Learning & Consulting

PROJECT MANAGEMENT

- 20 Hours of Project Management Training
- Simulation of Scrum ceremonies with hands-on practice of JIRA, Confluence, Project RoadMap Preparation and gantt Chart

PROJECT MANAGEMENT

Introduction to Project Management

- Definition of Project Management
- Key Components of Project Management
- Benefits of Project Management,
- Role of a Project Manager
- Project Management vs. Traditional Management

Project Management Processes

- Initiation
- Planning
- Execution
- Monitoring and Control
- Closing

Project Management Skills !!

- Scope Management & Work Breakdown Structure (WBS)
- Time Management - Sequencing, Estimation, Gantt Chart
- Cost Management - Budgeting, Cost Baseline

Leadership and Communication in Project Management

- Building a High-Performance Team ,Motivating and Managing Team Members, Dealing with Conflict
- Project Communication,Developing a Communication Plan
- Managing Stakeholder Expectations, Managing Remote Teams
- Change Management,Understanding Change, Managing Change

Project Communication and Documentation

- Project Charter & Initiation Documents
- The Project Management Configuration Plan:
- A Documentation and Communication "Road Map"
- General Guidelines for Effective Communication

VINSCUBE
Learning & Consulting

PROJECT MANAGEMENT

Project Management Tools and Techniques

- Definition of Project Management
- Key Components of Project Management
- Benefits of Project Management
- D. Project Management vs. Traditional Management

Project Communication and Documentation

- **Project Scheduling**
- **1. Gantt Charts**
- **2. PERT Charts**
- **3. Critical Path Method (CPM)**
- **B. Cost Management**
- **1. Budgeting**
- **2. Cost Control**
- **3. Earned Value Analysis (EVA)**
- **C. Risk Management**
- **1. Identifying Risks**
- **2. Assessing Risks**
- **3. Mitigating Risks**
- **D. Quality Management**
- **1. Defining Quality**
- **2. Measuring Quality**
- **3. Improving Quality**

Bringing Your Project to Successful Conclusion !!

- **Early Termination: Not As Bad As You Think**
- **Key Elements in Successful Project Closure**
- **Developing a Project Completion Checklist**
- **How to Transfer What You've Learned to Others**
- **Retrospective and feedbacks!!**

VINSCUBE
Learning & Consulting

CAPITAL MARKET BANKING & FINANCE

- 50 Hours of Capital Market Training
- Different asset classes exposure such as equities Derivative, Money Market, FX,Bonds, payments

CAPITAL MARKET

Banking and Finance

- Broad holistic understanding of the Banking & Finance industry
- Detailed knowledge about various banking products and services
- Master the skills and techniques for selling banking and financial products
- Portfolio Management, Hedge funds.

Money Market and Investment Banking

- Introduction of Money Market Instruments of Money Market Interbank Lending, T-Bills.
- Certificate of Deposit, Commercial Paper, Repo rate.
- Advantages & Disadvantages of Money Market Difference between Capital & Money Markets

Introduction to Financial Market

- Introduction to Financial System Types of Financial Markets & Different Market Participants.
- Regulatory Agencies Introduction to Investment Banks - Buy Side & Sell Side of Business .

Cash Equities (Shares)

- Equity & Preference Shares- Features Advantages and Disadvantages Depository Receipts. Types of ADR Advantages of ADR and GDR,
- Difference between ADR and GDR Primary & Secondary Market Issuance/Trading IPO Process – US & Indian Markets Stock Exchanges & Financial Centre's of the World Trade Economics for Equity Market.

Derivates Future & Forward

- Derivatives – An Introduction Difference between OTC & ET Derivatives Factors influencing Value of Derivatives Forwards Contracts.
- Futures Contract Futures Price Determination Margins in Futures Settlement Futures Payoffs

CAPITAL MARKET

Options

- Definition of Options Types of Option Trade Economics of Options Option Premiums Types of Option Payoffs Options Pricing Styles of Exercising
- Options.

Investment Banking(Trade Life Cycle)

- **Introduction to Trade Life Cycle Introduction to FO, MO & BO and their Role and Responsibility in TLC Equity Product TLC Derivatives Future TLC Derivatives Option TLC**

Foriegn Exchange (FX)

- FX Swap
- CLS ,FX trade, FX confirmation

SWAP

- Credit Default Swap
- Interest Rate Swap
- Equity Swap
- Total Return Swap

Payments

- Swift, Wire trasnsfer, Fedwire CHIPS,CHAPS.

Fixed Income Securities (Bonds)

- Bonds, Bond yeield, Bond Valuation, Type of Bonds, Bond Trading, Bond Pricing

INVESTMENT BANKING OPERATION

- 20 Hours of Investment Banking Operation Training
- Real life experience a d practice the day of Investment Banker

INVESTMENT BANKING OPERATION

Invesmtent Banking Operation

- **Settlement**
- **Reconciliation**
- **Confirmation**
- **Reference Data**

Fund management

- **Asset Management. (Hedge Funds & Mutual Funds)**
- **Portfolio Management**
- **Wealth Management**

Corporate Action

- **stock splits, dividends, mergers and acquisitions, rights issues and spin-offs.**

Risk management

- **Market Risk**
- **Liquidity Risk**
- **Operational Risk**
- **Counterparty Risk**

Regulatory Norms

- Basel Norms
- FATCA
- FINRA
- MIFID
- MIFID 2
- Dodd Frank

VINSCUBE
Learning & Consulting

FINANCIAL MODELING

- 20 Hours of Financial modelling Training
- This is a mathematical model designed to represent the performance of a financial asset or portfolio of a business, project, or any other investment

FINANCIAL MODELING

Introduction to Financial Modeling

- **Introduction to modeling, introduction to excel, understanding advanced features of excel database functions in excel, creating charts using forms and control toolbox, understanding finance functions present in excel, creating dynamic models.**

Time Value of Money and Discounting Techniques

- Understanding the time value of money concept
- Introduction to discounting techniques, such as the present value and future value of money
- Practical exercises to apply these concepts in Excel

Building a Basic Financial Model

- Introduction to building a financial model from scratch
- Overview of revenue and expense projections
- Building a basic financial model for a company and reviewing the results
- Practical exercises to reinforce the concepts covered

Projecting Revenues and Expenses

- **Techniques for projecting revenue and expenses**
- **Best practices for revenue and expense forecasting**
- **Practical exercises to reinforce the concepts covered**

Forecasting Cash Flows

- **Understanding the cash flow statement**
- **Techniques for forecasting cash flows**
- **Best practices for cash flow forecasting**
- **Practical exercises to reinforce the concepts covered**

VINSCUBE
Learning & Consulting

FINANCIAL MODELING

Modeling Financing Activities

- **Overview of debt and equity financing**
- **Techniques for modeling financing activities**
- **Best practices for modeling financing activities**
- **Practical exercises to reinforce the concepts covered**

Sensitivity Analysis and Scenario Analysis

- Overview of sensitivity analysis and scenario analysis
- Techniques for performing sensitivity analysis and scenario analysis
- Best practices for sensitivity analysis and scenario analysis
- Practical exercises to reinforce the concepts covered

Valuation Techniques

- Overview of discounted cash flow analysis
- Overview of comparables analysis
- Techniques for performing discounted cash flow analysis and comparables analysis
- Best practices for valuation analysis
- Practical exercises to reinforce the concepts covered

**Modeling Complex Financial Instruments**

- **Overview of derivatives and options**
- **Techniques for modeling complex financial instruments**
- **Best practices for modeling complex financial instruments**
- **Practical exercises to reinforce the concepts covered**

Model Documentation and Presentation

- **Overview of model documentation and presentation**
- **Best practices for model documentation and presentation**
- **Techniques for presenting financial models to stakeholders**
- **Practical exercises to reinforce the concepts covered.**
-
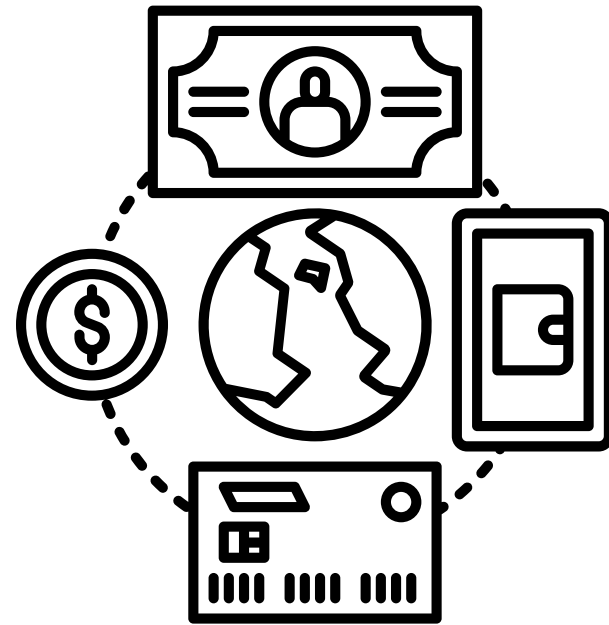
FINTECH

- 20 Hours of FINTECH
- Master the future of finance with cutting-edge FinTech training — from digital payments to blockchain and AI in banking.
-
-

VINSCUBE

Learning & Consulting

FINTECH

Introduction to Fintech

- Overview of fintech and its role in the financial industry
- Overview of fintech business models
- Introduction to key players and disruptive technologies in fintech
- Practical exercises to reinforce the concepts covered

Digital Payments and Transactions

- Overview of digital payment systems and transactions
- Introduction to payment gateways, digital wallets, and mobile payments
- Best practices for implementing secure digital payment systems
- Practical exercises to reinforce the concepts covered

Blockchain Technology

- Overview of blockchain technology
- Introduction to distributed ledger technology and consensus algorithms
- Best practices for using blockchain in fintech applications
- Practical exercises to reinforce the concepts covered

Digital Lending and Alternative Financing

Overview of digital lending and alternative financing
Introduction to peer-to-peer lending, marketplace lending, and crowdfunding
Best practices for using alternative financing in fintech applications
Practical exercises to reinforce the concepts covered

Digital Wealth Management

- Introduction to robo-advisors, algorithmic trading, and digital asset management
- Best practices for using digital wealth management in fintech applications
- Practical exercises to reinforce the concepts covered

VINSCUBE
Learning & Consulting

FINTECH

Customer Identity and Risk Management

- Overview of customer identity and risk management in fintech
- Introduction to know-your-customer (KYC) and anti-money laundering (AML) regulations
- Best practices for implementing secure and compliant customer identity and risk management systems
- Practical exercises to reinforce the concepts covered

Fintech Compliance and Regulation

- Overview of fintech compliance and regulation
- Introduction to financial services regulations and data privacy laws
- Best practices for complying with fintech regulations
- Practical exercises to reinforce the concepts covered

Emerging Trends and Technologies in Fintech

- Overview of emerging trends and technologies in fintech
- Introduction to open banking, artificial intelligence, and machine learning
- Best practices for leveraging emerging trends and technologies in fintech
- Practical exercises to reinforce the concepts covered

Building Fintech Applications

- Overview of building fintech applications
- Introduction to designing and implementing secure and scalable fintech applications
- Best practices for building fintech applications that meet customer needs
- Practical exercises to reinforce the concepts covered

Best Practices and Project Work

- Overview of best practices for fintech development
- Techniques for writing maintainable and scalable fintech applications
- Introduction to project work and building a complete fintech application
- Review of the concepts covered throughout the training.
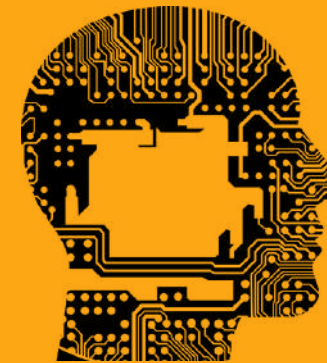
VINSCUBE
Learning & Consulting

SQL

- 25 Hours of SQL Training
- Learn how to use SQL in, MySQL, SQL Server, MS Access, Oracle, Sybase, Informix, Postgres, and other database systems.

SQL

SQL & Databases
- **Introduction to SQL & Database fundamentals**
- **Introduction to RDBMS, Table, Views**
- **Installation of SQL Server & SSMS**

SQL command subsets
- **Data Definition Language**
- **Data manipulation Language**
- **Data Control Language**
- **Transaction Control Statement**

SQL Components
- **Identifiers**
- **Data types**
- **Single row & Group functions**

SQL Data types
- **Different data types in SQL**
- **Conversion of data types in Queries**

SQL Operators
- **Logical Operators**
- **Arithmetic Operators**
- **Comparison Operators**
- **Primary key and foreign key**
- **Understanding group functions, unique key**

VINSCUBE
Learning & Consulting

SQL

SQL Joins

- Creation of tables, retrieving data from tables, combining rows from tables using Inner, Outer, Cross, and Self Joins
- Deploying Operators like Union, Intersect, Except
- Creation of Temporary Table, Set Operator rules, Working with Table variables

SQL Subqueries

- Understanding of SQL Subqueries, rules of Subqueries
- The statements and operators with which Subqueries can be used
- Understanding different types of Subqueries – Where, Insert, Update, Select, Delete,
- etc.,
- Ways to create and view Subqueries

SQL Views

- Create Views
- Modify Views
- Drop Views
- Advantages & Disadvantages of Views

SQL Hands ON and Best Practices

- Timely Assignments and practice sessions
- Understanding best practices and order in writing SQL queries

VINSCUBE
Learning & Consulting

PYTHON

- 40 Hours of Python Training
- Learn how to use Iterators, Generators, Exception Handling, File handling concepts, Data types & variables, OOPs Concepts, Data Structures, and Visualization with Python.

VINSCUBE
Learning & Consulting

PYTHON

Introduction to Python

- **Overview of Python and its role in software development**
- **Setting up the development environment**
- **Introduction to basic data types and variables in Python**
- **Basic operations and expressions**
- **Practical exercises to reinforce the concepts covered**

Control Flow and Functions

- **Overview of control flow statements in Python (if-else, for, while)**
- **Introduction to functions in Python**
- **Best practices for writing functions in Python**
- **Practical exercises to reinforce the concepts covered**

Data Structures in Python

- Overview of basic data structures in Python (lists, tuples, dictionaries, sets)
- Techniques for manipulating data structures
- Best practices for using data structures in Python
- Practical exercises to reinforce the concepts covered

Working with Files

- **Overview of file operations in Python**
- **Techniques for reading and writing files**
- **Best practices for working with files in Python**
- **Practical exercises to reinforce the concepts covered**

Object-Oriented Programming in Python

- **Overview of object-oriented programming in Python**
- **Introduction to classes and objects in Python**
- **Techniques for writing and using classes and objects in Python**
- **Best practices for object-oriented programming in Python**
- **Practical exercises to reinforce the concepts covered**

VINSCUBE
Learning & Consulting

PYTHON

Error Handling and Debugging

- Overview of error handling and debugging in Python
- Techniques for handling errors and exceptions in Python
- Best practices for error handling and debugging in Python
- Practical exercises to reinforce the concepts covered

Modules and Packages

- Overview of modules and packages in Python
- Techniques for using and creating modules and packages in Python
- Best practices for using modules and packages in Python
- Practical exercises to reinforce the concepts covered

Introduction to Data Analysis with Python

- Overview of data analysis with Python
- Introduction to the Pandas library for data analysis
- Techniques for loading and manipulating data with Pandas
- Best practices for data analysis with Python
- Practical exercises to reinforce the concepts covered

Visualization with Python

- Overview of visualization with Python
- Introduction to the Matplotlib library for visualization
- Techniques for creating basic visualizations with Matplotlib
- Best practices for visualization with Python
- Practical exercises to reinforce the concepts covered

Best Practices and Project Work

- Overview of best practices for software development with Python
- Techniques for writing maintainable and scalable code in Python
- Introduction to project work and building a complete application in Python
- Review of the concepts covered throughout the training.

VINSCUBE

Learning & Consulting

DATA ENGINEER

- 50 Hours of Data Engineering Training
- A typical Data Engineering lifecycle training includes architecting data platforms, designing data stores, and gathering, importing, wrangling, querying, and analyzing data.

VINSCUBE

Learning & Consulting

DATA ENGINEER

Introduction to Data Engineering

- Overview of data engineering concepts and architecture
- Understanding the differences between data engineering and data science
- Big data technologies: Hadoop, Spark, and NoSQL databases
- Data storage and retrieval: file systems, databases, and data lakes
- Data ingestion techniques: batch and real-time data processing

Data Modeling and ETL Processes

- Introduction to data modeling
- Designing data models for various data sources
- ETL (Extract, Transform, Load) processes: understanding the pipeline
- Data pipeline automation and orchestration
- Managing and monitoring ETL processes

Data Warehousing and Business Intelligence

- Introduction to data warehousing
- Understanding the differences between OLAP and OLTP databases
- Data warehousing concepts: star and snowflake schemas
- Business Intelligence (BI) tools: Tableau, Power BI, and QlikView
- Building and managing data warehouses and BI solutions

Big Data Processing with Hadoop and Spark

- Introduction to Hadoop and MapReduce
- Big data processing with Spark
- Spark data structures and transformations
- Spark SQL and data frames
- Real-time streaming processing with Spark Streaming

NoSQL Databases

- Introduction to NoSQL databases
- Types of NoSQL databases: document, key-value, and graph databases
- Working with MongoDB, Cassandra, and Neo4j
- Querying and indexing data in NoSQL databases
- Scaling and managing NoSQL databases

DATA ENGINEER

Cloud Data Engineering

- Cloud computing and data engineering
- Cloud data storage: AWS S3, Azure Blob Storage, and Google Cloud Storage
- Cloud data processing: AWS EMR, Azure HDInsight, and Google Cloud Dataproc
- Data pipeline automation with cloud services
- Cost optimization and performance tuning in the cloud

Data Security and Privacy

- Introduction to data security and privacy
- Data encryption techniques
- Access control and identity management
- Compliance with data privacy regulations
- Best practices for securing data engineering solutions

Data Governance and Quality

- Introduction to data governance
- Data quality assessment and measurement
- Implementing data quality checks and validations
- Data lineage and metadata management
- Data governance best practices and frameworks

Machine Learning and AI

- Introduction to machine learning and AI
- Supervised and unsupervised learning
- Feature engineering and selection
- Building and training ML models with Python
- Integrating ML models into data engineering solutions

Real-World Data Engineering Projects

- Applying data engineering concepts and techniques to real-world scenarios
- Project planning and management
- Team collaboration and communication
- Presentation and documentation of project outcomes
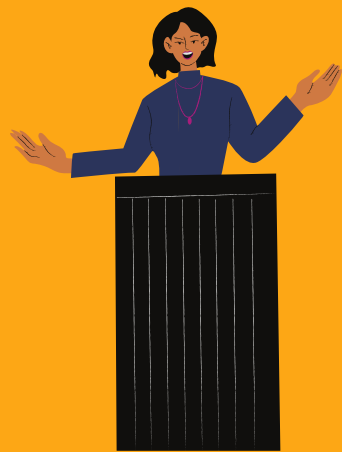- Best practices and lessons learned
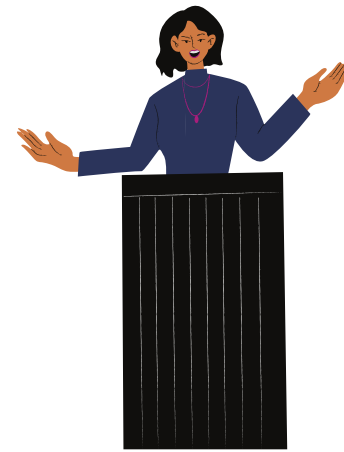
SOFTSKILLS

- 30 Hours of SoftSkills training
- A combination of abilities related to people and social situations rather than a person's technical abilities.

VINSCUBE

Learning & Consulting

SOFT SKILLS

Communication Skills

- Self-assessment of current communication skills
- Watch videos on effective communication
- Practice active listening skills in a mock conversation

Teamwork and Collaboration

- Requirement Elicitation techniques,
- Project Roadmap Creation and Prioritisation techniques
- project execution planning, Resourcing and estimation Planning

Time Management

- Backlog management of EPIC, User Stories, Bugs, enhancement,
- Sprint Planning and Having N+2 Planning.
- Sprint segregation and Stories prioritisation

Leadership and Management

- Review different leadership styles
- Practice delegation and feedback techniques
- Develop a personal leadership philosophy

Problem-Solving and Critical Thinking

- Practice problem-solving skills using real-life scenarios
- Learn techniques for critical thinking and decision-making
- Analyze a complex problem and develop a solution strategy
-

VINSCUBE
Learning & Consulting

SOFT SKILLS

Emotional Intelligence

- Take an emotional intelligence assessment
- Reflect on personal emotions and how they affect interactions
- Develop techniques for managing emotions in the workplace

Conflict Resolution

- Learn different conflict resolution techniques
- Analyze a past conflict and identify areas for improvement
- Practice conflict resolution skills in a mock scenario

Adaptability and Flexibility

- Reflect on how to be more adaptable in the workplace
- Research different methods for dealing with change
- Develop a plan for managing and adapting to change

Customer Service

- Analyze customer needs and expectations
- Learn techniques for effective customer service
- Practice delivering excellent customer service in a mock scenario

Networking and Relationship Building

- Reflect on personal networking skills
- Learn effective relationship-building techniques
- Practice networking and relationship-building skills in a mock scenario

VINSCUBE
Learning & Consulting

TIME MANAGEMENT

- 20 Hours of Time Management training
- Time management is the process of organizing and planning how to divide your time between different activities. Get it right, and you'll end up working smarter, not harder, to get more done in less time.

TIME MANAGEMENT

Assess Current Time Management Strategies

- Self-assessment of current time management strategies
- Identify time wasters and distractions
- Set priorities and goals

Planning and Goal-Setting

- Set goals using SMART criteria
- Break down long-term goals into manageable steps
- Use a planner to schedule tasks and prioritize goals

Prioritization Techniques

- Learn different prioritization techniques
- Practice the Eisenhower Matrix for prioritization
- Identify and eliminate low-value tasks

Scheduling and Time-Blocking

- Learn time-blocking techniques for effective scheduling
- Create a daily schedule with time blocks for important tasks
- Use a timer to stay focused during time blocks

Task Delegation and Outsourcing

- Identify tasks that can be delegated or outsourced
- Learn effective delegation and outsourcing techniques
- Use technology to automate tasks and save time

VINSCUBE
Learning & Consulting

TIME MANAGEMENT

Managing Procrastination

- Identify causes of procrastination
- Learn techniques for overcoming procrastination
- Use time-tracking tools to monitor progress and stay on task

Managing Interruptions

- Identify common interruptions and distractions
- Learn techniques for minimizing interruptions
- Use technology to manage interruptions, such as setting email filters and turning off notifications

Stress Management

- Identify sources of stress related to time management
- Learn techniques for managing stress, such as mindfulness and physical activity
- Schedule regular breaks and prioritize self-care

Review and Reflect

- Review progress towards goals and adjust strategies as needed
- Reflect on areas for improvement and develop an action plan
- Identify lessons learned and successes

Continuing Education and Skill Building

- Identify areas for continued learning and skill building
- Research additional time management techniques and strategies
- Attend workshops or training sessions to build time management skills.

VINSCUBE
Learning & Consulting

ADVANCE EXCEL

- 20 Hours of Advance Excel
- knowledge which will allow the attendee to Learn MS Excel tools, Techniques and create lookup functions, set Excel working options, enhance charts, protect worksheet data, perform advanced data operations using summarising, PivotTables, data consolidations,Chart & Macros.

ADVANCE EXCEL

Functions and Charts

validation and Macros

- **Introduction to Advanced Excel:** This covers the basics of advanced Excel, its importance, and how it fits into the overall data processing pipeline.

- **Data Analysis:** This covers the tools and techniques used for analyzing data, including pivot tables, data tables, and conditional formatting.

- **Advanced Formulas:** This covers advanced formulas such as INDEX, MATCH, SUMIFS, AVERAGEIFS, and COUNTIFS, and how to use them to manipulate and analyze data.

- **Advanced Charting:** This covers how to create complex and dynamic charts and graphs, including Gantt charts, waterfall charts, and combo charts.

- **Macros:** This covers the basics of VBA (Visual Basic for Applications) macros and how to create macros in Excel to automate repetitive tasks.
- **Advanced Data Visualization:** This covers advanced techniques for visualizing data, including sparklines, data bars, and icon sets.

- **Data Validation:** This covers how to validate data using data validation rules, including custom validation rules.

- **Advanced Functions:** This covers advanced functions like IFERROR, IFNA, CONCATENATE, and TEXTJOIN, and how to use them to manipulate and analyze data.

- **What-If Analysis:** This covers how to use Excel's What-If Analysis tools, including Scenario Manager, Goal Seek, and Solver, to explore different scenarios and optimize decisions.

- **Collaborating with Excel:** This covers how to collaborate with others using Excel, including sharing workbooks, tracking changes, and protecting workbooks.

VINSCUBE
Learning & Consulting

OUR REVIEWS

VISIT OUR LINKED ACCOUNTS TO READ ABOUT OUR SUCCESS

- https://www.linkedin.com/company/VINSCUBE

It was pleasure to have a 10 day learning with Vin sir! Though been in a Online mode still it was such an amazing learning for an undergraduate Student. Getting an hands on to the scrum and agile and the experience of corporate world project of being a business analyst and working on the Jira application. Did not think of having a theoretical subject of Analytics strategy and implementation moulded into a practical working!

Thankyou sir for sharing ur experience and learning and making us a better informative sessions!

Vineet S is an expert in Financial Markets world, as I student for 'Certified Investment Banking Operations Professional' course he training a whole batch very passionately by knowledge he acquired in his career. He overlooking complete understanding by trainees of each and every topic which he delivered. He gave opportunity to every student to explore presentation skills by giving platform for case studies presentation. He acquired immense knowledge of financial world and encouraging others also to do same. It is just short note on him, As a trainer he gave his 100% and more accessible to everyone. I am thanking him to being part of my starting journey in Investment banking world

CONTACT US !!

Its easy to connect with us !!

https://www.linkedin.com/company/VINSCUBE

@VINSUCBE

WWW.VINSCUBE.COM

+91 89628 19210

https://wa.me/91 8962819210

info@vinscube.com

Please connect with us by any of the above mode !!