Pro Aptitude - C++

Topic Name : APTITUDE

Sub-topic Name : APTITUDE

Course link : https://ineuron.ai/course/Pro-Aptitude---C++

Course Description :-

This course is designed mostly for C++ test takers.

Course Features :-

=> Quizzes

=> Course completion certificate

What you will learn :-

=> C++ Theoritical Test

=> C++ Practical Test

=> C++ Aptitude Test

Requirements :-

=> System with minimum i3 processor or better

=> At least 4 GB of RAM

=> Working internet connection

=> Dedication to solve

Curriculum details :-

=> C++ Coding Test :

~ C++ Test 1
~ C++ Test 2
~ C++ Test 3
~ C++ Test 4

Business Analytics

Topic Name : DATA ANALYTICS

Sub-topic Name : BUSINESS ANALYTICS MASTERS

Course link : https://ineuron.ai/course/Business-Analytics

Course Description :-

Learn the power of using powerful visualization tools such as PowerBi and Tableau alongside advanced excel coupled with the most important fundamentals of Python

Course Features :-

=> Business Analytics Certification

=> Online Instructor-led learning: Live teaching by instructors

=> Hands-on project implementation

=> 100+ hours of live interactive classes

=> Every week doubt clearing session after the live classes

=> Lifetime Dashboard access

=> Assignments in all the module

=> Live class recordings and materials

=> Interview Questions

What you will learn :-

=> Python

=> PowerBI

=> Tableau

=> Advanced Excel

=> Statistics

Requirements :-

=> Laptop

=> Stable internet connection

=> Your Dedication

Curriculum details :-

=> Introduction to Analytics

=> Python for Data Analytics :

~ Install setup and overview
~ Ipython/Jupiter Notebook overview
~ Intro to NUMPY
~ Creating Arrays.
~ Using Arrays and Scalar
~ Indexing Arrays
~ Arrays transposition
~ Universal arrays function
~ Arrays processing
~ Array input and output
~ Series
~ DataFrames
~ Index Objects
~ Re-index
~ Drop entry
~ Selecting entries
~ Data alignment
~ Rank and Sort
~ Summary statistics
~ Missing data
~ Index Hierarchy
~ Reading and writing text files
~ JSON with Python
~ HTML with Python
~ Microsoft Excel files with Python
~ Merge
~ Merge on Index
~ Concatenate
~ Combining Data Frames
~ Reshaping
~ Pivoting
~ Duplicates in DataFrames

~ Mapping
~ Replace
~ Rename index
~ Binning
~ Outliners
~ Permutation
~ GroupBy on DataFrames
~ GroupBy on Dict and Series
~ Aggregation
~ Splitting, Applying and combining.
~ Cross Tabulation
~ Installing Seaborn
~ Histograms
~ Kernel Density estimate plots
~ Combining plot styles
~ Box and Violin plots
~ Regression Plots
~ Heat maps and clustered matrices
~ Introduction to SQL with Python
~ SQL - SELECT, DISTINCT, WHERE, AND & OR
~ SQL WILDCARDS, ORDER BY, GROUP BY, and Aggregate Functions

=> SQL FOR DATA ANALYTICS :

~ Introduction.
~ ER Diagram.
~ Schema Design.
~ Normalization.
~ SQL SELECT statement.
~ SQL SELECT using common functions.
~ SQL JOIN overview.
~ INNER JOIN.
~ LEFT JOIN.
~ RIGHT JOIN.
~ FULL JOIN.
~ SQL best practice.
~ INNER JOIN Advanced.
~ INNER JOIN and LEFT JOIN combo.
~ SELF JOIN.
~ JOINS and AGGREGATION Subqueries.
~ Sorting.
~ Independent Subqueries.
~ Co related Subqueries.
~ Analytic function.
~ Set operations.
~ SQL views.
~ Create a view.
~ Create a view using DDL.
~ SQL insert Advanced Technique.
~ Insert to create table.
~ INSERT to new data on existing table 1.
~ INSERT to new data on existing table 2.
~ INSERT to new data on existing table 3
~ INSERT to new data on existing table 4.
~ SQL update Advance technique and TCL.
~ SQL delete and TCL.
~ SQL constraints.
~ SQL aggregations.
~ SQL programmability.
~ SQL query performance.
~ SQL Extras.

=> Advance Excel

=> Data wrangling with Excel :

~ Microsoft Excel fundamentals.
~ Entering and editing texts and formulae.
~ Working with basic Excel functions.
~ Modifying an Excel worksheet.
~ Formatting data in an excel worksheet.
~ Inserting images and shapes into an Excel worksheet.
~ Creating Basic charts in Excel.
~ Printing an Excel worksheet.
~ Working with an Excel template.
~ Working with an excel list.
~ Excel list function.
~ Excel data validation.
~ Importing and exporting data.
~ Excel pivot tables.
~ Working with excels PowerPivot tools.
~ Working with large sets of Excel data.
~ Conditional function.
~ Lookup functions.
~ Text based functions.
~ Auditing and Excel worksheet.
~ Protecting Excel worksheets and workbooks.
~ Mastering Excel "What if?" Tools?
~ Automating Repetitive Tasks in Excel with Macros.
~ Macro Recorder Tool.
~ Excel VBA Concepts.

~ *Advance VBA.*
~ *Preparing and Cleaning Up Data with VBA.*
~ *VBA to Automate Excel Formulas.*
~ *Preparing Weekly Report.*
~ *Working with Excel VBA User Forms.*
~ *Importing Data from Text Files.*

=> Business Statistics :

~ *Descriptive Analytics.*
~ *Inferential Statistics.*
~ *Hypothesis Test 1 & 2.*
~ *Covariance.*
~ *Correlation.*
~ *Regression.*
~ *Conjoint & Discriminant Analysis.*
~ *Discrete Uniform Distribution.*
~ *Continuous Uniform Distribution.*
~ *Binomial Distribution.*
~ *Poisson Distribution.*
~ *Normal Distribution.*
~ *Sampling Techniques.*
~ *T Distribution.*
~ *Hypothesis Testing and Confidence Intervals.*
~ *Chi Square Test and Distribution.*
~ *Bayes Theorem.*

=> Visual Analyst :

~ *Talking about Business Intelligence.*
~ *Tools and Methodologies used in BI.*
~ *Why Visualization is getting more popular.*
~ *Why Tableau?*
~ *Gartner Magic Quadrant of Market Leaders.*
~ *Future business impact of BI.*
~ *Let's Explore*
~ *Tableau Products.*
~ *Tableau Architecture.*
~ *BI Project Execution.*
~ *Tableau Installation in local system.*
~ *Introduction to Tableau Prep.*
~ *Tableau Prep Builder User Interface.*
~ *Data Preparation techniques using Tableau Prep Builder tool.*
~ *How to connect Tableau with different data source.*
~ *Visual Segments.*
~ *Visual Analytics in depth.*
~ *Filters, Parameters & Sets.*
~ *Tableau Calculations using functions.*
~ *Tableau Joins.*
~ *Working with multiple data source (Data Blending).*
~ *Building Predictive Models.*
~ *Dynamic Dashboards and Stories.*
~ *Sharing your Reports.*
~ *Tableau Server.*
~ *User Security.*
~ *Scheduling.*
~ *PDF File.*
~ *JSON File.*
~ *Spatial File.*
~ *Statistical File.*
~ *Microsoft SQL Server.*
~ *Salesforce.*
~ *AWS.*
~ *Azure.*
~ *Google Analytics.*
~ *R.*
~ *Python.*
~ *Hadoop.*
~ *OneDrive.*
~ *Microsoft Access.*
~ *SAP HANA.*
~ *SharePoint.*
~ *Snowflake.*
~ *Subject.*
~ *Planning.*
~ *Pen & Paper approach.*
~ *Tools.*
~ *Color theme.*
~ *Shapes.*
~ *Fonts.*
~ *image Selection.*
~ *text position.*
~ *visual placing.*
~ *Story layout & design.*
~ *Dashboard planning.*
~ *Power BI introduction and overview.*
~ *Key Benefits of Power BI.*
~ *Power BI Architecture.*
~ *Power BI Process.*
~ *Components of Power BI.*
~ *Power BI Building Blocks.*

~ Power BI vs other BI tools.
~ Power Installation.
~ Overview of Power BI Desktop.
~ Data Sources in Power BI Desktop.
~ Connecting to a data Sources.
~ Query Editor in Power BI.
~ Views in Power BI.
~ Field Pane.
~ Visual Pane.
~ Custom Visual Option.
~ Filters.
~ Introduction to using Excel data in Power BI.
~ Exploring live connections to data with Power BI.
~ Connecting directly to SQL Azure, HD Spark, SQL Server Analysis Services/ My SQL.
~ Introduction to Power BI Development API.
~ Import Power View and Power Pivot to Power BI.
~ Power BI Publisher for Excel.
~ Content packs.
~ Introducing Power BI Mobile.
~ Power Query Introduction.
~ Query Editor Interface.
~ Clean and Transform your data with Query Editor.
~ Data Type.
~ Column Transformations vs Adding Columns.
~ Text Transformations.
~ Cleaning irregularly formatted data Transpose.
~ Date and Time Calculations.
~ Advance editor: Use Case.
~ Query Level Parameters.
~ Combining Data Merging and Appending.
~ Data Modelling.
~ Calculated Columns.
~ Measures/New Quick Measures.
~ Calculated Tables.
~ Optimizing Data Models.
~ Row Context vs Set Context.
~ Cross Filter Direction.
~ Manage Data Relationship.
~ Why is DAX important?
~ Advanced calculations using Calculate functions
~ DAX queries.
~ DAX Parameter Naming.
~ Time Intelligence Functions.
~ Types of visualization in a Power BI report.
~ Custom visualization to a Power BI report.
~ Matrixes and tables.
~ Getting started with color formatting and axis properties.
~ Change how a chart is sorted in a Power BI report.
~ Move, resize, and pop out a visualization in a Power BI report.
~ Drill down in a visualization in Power BI.
~ Drill Through.
~ Histograms.
~ Basic Area chart.
~ Combo Chart in Power BI.
~ Customize visualization title, background, and legend.
~ Doughnut charts in Power BI.
~ Scatter Charts in Power BI.
~ Funnel charts in Power BI.
~ KPI Visuals.
~ Radial Gauge charts in Power BI.
~ Bookmarks in Power BI.
~ Slicers in Power BI.
~ Filters.
~ Report Level Parameters.
~ Z Order.
~ Waterfall charts in Power BI.
~ Create a Power BI dashboard.
~ Dashboard tiles in Power BI.
~ Pin a tile to a Power BI dashboard from a report.
~ Pin an entire report page to a Power BI dashboard.
~ Data alerts in Power BI service.
~ Add an image, text box, video, hyperlink or web code to your dashboard.
~ Configuring a Dashboard.
~ Power BI Q&A.
~ Display a dashboard tile in Focus mode.
~ Power BI embedded.
~ Row Level Security in Power BI.
~ Report Server Basics.
~ Refresh a dataset created from a Power BI Desktop file local.
~ Refresh a dataset created from a Power BI Desktop file cloud.
~ Web Portal.
~ Paginated Reports.
~ Data Gateways.
~ Scheduled Refresh.
~ Resources (Rest API/ SOAP APIs/ URL Access).
~ R Integration in Power BI Desktop.
~ R Powered Custom Visuals.
~ Creating R visuals in Power BI.

~ R Visuals in Power BI Service.
~ R Scripts Security.
~ Creating visual using Python.

=> Predictive Anallytics :

~ Machine Learning
~ Deep Learning

=> Descriptive Analytics :

~ EDA

Project details :-

=> Python for Data Analytics :

~ Stock Market Analysis.
~ House prices : Advanced Regression Techniques.
~ Election Analysis.

=> SQL FOR DATA ANALYTICS :

~ Ecommerce analysis Tableau integration.
~ Sales Data Analysis Tableau integration.

=> Data wrangling with Excel :

~ E Commerce Customer Analysis.
~ Project Management Dashboard.
~ Sales Dashboard.