



SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

(University of Delhi)

Centre of Professional Development

in collaboration with

Weekendr

offers an Add-On course on



DATA VISUALIZATION USING POWER BI



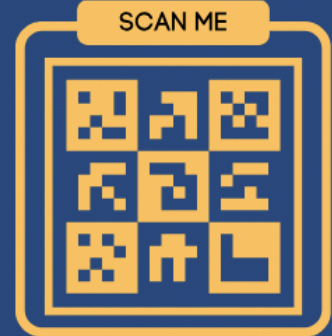
Last Date to register: July 15, 2024
Classes will be held on Weekdays in college campus

Course Fee: Rs. 4900 (Including GST)

Register now



SCAN ME



Patron
Dr. Jatinder Bir Singh
(Principal)

Course Co-ordinators
Dr. Megha Ummat
Ms. Ushveen Kaur

CPD Co-ordinator
Dr. Satvinder Kaur

COURSE

OUTLINE

Module 1: Introduction

- Overview
- Need for Business Intelligence Tool
- Why Power BI
- Power BI Component and Workflow
- Download & Setup Power BI
- Exploring Power BI Interface and Environment
- Connecting to Data Source
- First Visualization

Module 2: Visualization through Basic Charts

- Column Chart & Stacked Column
- Pie Chart & Donut Chart
- Funnel Chart & Ribbon Chart
- Chart Filters and Export as Table
- Include & Exclude
- Simple & Fill Map
- Other Charts on Map Chart

Module 3: Visualization through Table

- Insert Summary Table & Sorting
- Basic Formatting
- Conditional Formatting Types
- Custom Rules in Conditional Formatting
- Aggregation Types in Table
- Pivot Table using Matrix
- Drill Up and Drill Down Table
- Show and Hide Subtotal
- Number Formatting & Display Unit
- Filters on Visual, Page and others

Module 4: Visualization through other Charts

- Line Chart, Area Chart & Combo Chart
- Drill Up and Drill Down
- Animation through Scatter Plot
- Water Fall Chart
- Tree Map
- Gauge Chart and Target
- ToolTip
- Download Custom Chart
- Number, Text and Date Cards

Module 5: Slicers & Controls

- Slicer for Text and Customization
- Date Slicer and Customization
- Number Slicer, Insert Elements
- Navigation Buttons setting
- Bookmarks
- Drill through Action

Module 6: Data Munging with Power Query

- Importing and Discovering Data
- Transformation and Cleaning
- Calculated Column
- Column by Example
- Grouping and Aggregating Data
- Merge & Append Table
- M Language

Module 7: Creating Calculation with DAX

- Implementing DAX Operators
- Create Calculated Columns & Measures
- DAX Functions Category
- Working with Text Functions
- Using Date and Time Functions
- Information and Logical Functions

Module 8: Data Modelling & Intelligence with DAX

- Data Model and Relationship
- Dimension & Fact Table
- Getting Data from Related Tables
- Creating Aggregates & Filter Context
- Incorporating Time Intelligence

Module 9: Reporting and Dashboard:

- Analyse and Prepare Professional Summary Report
- Create Account and Publish Report on BI Service
- Export Report to another format or application
- Power BI Dashboard Introduction
- Pin report to Dashboard
- Publish Dashboard
- Automatic Refresh

Module 10: Assignment & Project



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