
ONLINE TRAINING-CUM-INTERNSHIP PROGRAM POWERED BY UGCPL



Important information related to online Training-cum-Internship Program

- ✦ On registration confirmation, a common whatsapp group will be formed, where the students will be getting all necessary updates including the joining link (MS Teams / Google Meet) for online sessions.
- ✦ Two-hours online session on alternate-day-basis will be held from 3.00 pm to 5.00 pm (A minimum of 30 Hrs in one month and minimum 45-50 hours for 45 days). Timing schedule may change on request of majority of the participants
- ✦ 25 % of the allocated time will be for real time project work implementation.
- ✦ Project work will be in group of students (group will be consisting of a maximum of 8 students).
- ✦ Submission of complete project report by the participant is mandatory for the Internship Certification—One copy of the project report needs to be submitted at the parent Institution/Department and another copy will be required to be submitted to UGCPL.
- ✦ Upon submission of project report in the concerned parent Institute/Department, the participants will be able to download their Internship Certificates within 10 working days from our website (www.ugcpl-india.com). The hard copy of the certificates will be submitted to the T&P Cell of the concerned University/Institute on request within 20 days time period.
- ✦ After successful completion of Training-cum-Internship program, students may submit their copy of certificate along with their updated resume/CV online to UGCPL by e-mail for availing *lifetime free campus placement opportunities* offered by UGCPL.
- ✦ The participants will have to make their own arrangement of resources like Laptop or PC or smart phone and internet connectivity for attending the sessions through MS Teams/Google Meet platform.

Course Structure/Schedule of the Training-Cum-Internship on

Microsoft Power BI

Introduction to Power BI

- ✦ Introduction to Power BI – Need, Importance
- ✦ Power BI – Advantages and Scalable Options
- ✦ History – Power View, Power Query, Power Pivot
- ✦ Power BI Data Source Library and DW Files
- ✦ Cloud Collaboration and Usage Scope
- ✦ Business Analyst Tools, MS Cloud Tools
- ✦ Power BI Installation and Cloud Account
- ✦ Power BI Cloud and Power BI Service
- ✦ Power BI Architecture and Data Access
- ✦ On Premise Data Access and Microsoft On Drive
- ✦ Power BI Desktop – Installation, Usage
- ✦ Sample Reports and Visualization Controls
- ✦ Power BI Cloud Account Configuration
- ✦ Understanding Desktop & Mobile Editions
- ✦ Report Rendering Options and End User Access
- ✦ Power View and Power Map. Power BI Licenses
- ✦ Course Plan – Power BI Online Training

Creating POWER BI Reports, Auto Filters

- ✦ Report Design with Legacy & .DAT Files
- ✦ Report Design with Database Tables
- ✦ Understanding Power BI Report Designer
- ✦ Report Canvas, Report Pages: Creation, Renames
- ✦ Report Visuals, Fields and UI Options
- ✦ Experimenting Visual Interactions, Advantages
- ✦ Reports with Multiple Pages and Advantages
- ✦ Pages with Multiple Visualizations. Data Access
- ✦ PUBLISH Options and Report Verification in Cloud
- ✦ “GET DATA” Options and Report Fields, Filters
- ✦ Report View Options: Full, Fit Page, Width Scale
- ✦ Report Design using Databases & Queries
- ✦ Query Settings and Data Preloads
- ✦ Navigation Options and Report Refresh
- ✦ Stacked bar chart, Stacked column chart
- ✦ Clustered bar chart, Clustered column chart
- ✦ Adding Report Titles. Report Format Options

- ✚ Focus Mode, Explore and Export Settings

Report Visualization and Properties

- ✚ Power BI Design: Canvas, Visualizations and Fields
- ✚ Import Data Options with Power BI Model, Advantages
- ✚ Direct Query Options and Real-time (LIVE) Data Access
- ✚ Data Fields and Filters with Visualizations
- ✚ Visualization Filters, Page Filters, Report Filters
- ✚ Conditional Filters and Clearing. Testing Sets
- ✚ Creating Customised Tables with Power BI Editor
- ✚ Table Styles & Alternate Row Colours – Static, Dynamic
- ✚ Sparse, Flashy Rows, Condensed Table Reports. Focus Mode
- ✚ Totals Computations, Background. Borders Properties
- ✚ Column Headers, Column Formatting, Value Properties
- ✚ Report Fields, Formats and Analytics
- ✚ Page-Level Filters and Column Formatting, Filters
- ✚ Background Properties, Borders and Lock Aspect

Chart and Map Report Properties (10 Hours)

- ✚ CHART Report Types and Properties
- ✚ STACKED BAR CHART, STACKED COLUMN CHART
- ✚ LINE AND STACKED COLUMN CHARTS
- ✚ WATERFALL CHART, SCATTER CHART, PIE CHART
- ✚ Field Properties: Axis, Legend, Value, Tooltip
- ✚ Field Properties: Colour Saturation, Filters Types
- ✚ Formats: Legend, Axis, Data Labels, Plot Area
- ✚ Data Labels: Visibility, Colour and Display Units
- ✚ Data Labels: Precision, Position, Text Options
- ✚ Analytics: Constant Line, Position, Labels
- ✚ Working with Waterfall Charts and Default Values
- ✚ Hierarchies: Grouping Multiple Report Fields
- ✚ Hierarchy Levels and Usages in Visualizations
- ✚ Preordered Attribute Collection – Advantages
- ✚ Using Field Hierarchies with Chart Reports
- ✚ Advanced Query Mode @ Connection Settings – Options
- ✚ Direct Import and In-memory Loads, Advantages

Project will be assigned after the completion of 60% of the training. Students will work on the project along with the training.