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BRILLIANT MAKERS
(A Centre for IT, Tally and Spoken English)
Geeta Nagar, Near SBI Bank, Rishikesh www.brilliantmakers.org

PROFESSIONAL DATA ANALYSIS

COURSE HIGHLIGHTS

Course Duration: 4 Months

Daily Class : 1.5 Hour

Module 1 – Advance Excel (Standard Duration : 35 Hours)

- 1. Import Data from Different Sources.
- 2. Conditional & Lookup Functions.
- 3. Statistical functions, Math Functions.
- 4. Data Cleaning Techniques.
- 5. Data Modeling Using Dimension & Fact Tables.
- 6. Creating Reports using Pivot Table, Reporting functions, and Data Modeling.
- 7. Data Visualization using Charts, Sparkline, Conditional Formatting and Shapes.
- 8. **Analysis Tool** Scenario Manager, Solver, Goal Seek

Module 2 – Power BI (Standard Duration : 42 Hours)

- 1. Import Data from Different Sources.
- 2. Writing M Code.
- 3. Basics of DBMS and RDBMS.
- 4. Primary Keys, Foreign Keys, Dimension and Fact Tables.
- 5. Advance DAX Measures.
- 6. Data Visualization Using Charts, Map, Cards.
- 7. Conditional formatting in Charts.
- 8. Decomposition Tree.
- 9. Asking AI Based Q & A.
- 10. Key Influencers Chart.

Module 3 – MS ACCESS

(Standard Duration : 20 Hours)

- 5. RDBMS Database.
- 6. Working with Tables.
- 7. Making relationship among tables.
- 8. Basic Access Queries
- 9. Advanced access queries using functions.
- 1. Basics of SQL
- 2. Designing forms in MS Access.
- 3. Events in Forms.
- 4. Reports making in MS Access.