

Advanced Microsoft Excel for Business Analytics





Chapter 1: Functions and Formulas

- Text functions
- Aggregation functions
- Datetime functions
- Working with Ranges

Chapter 2: Working with Data

- Sorting your data
- Filtering
- Aggregating and Subtotals
- Removing Duplicates
- Aggregating your data
- Using IFS

Chapter 3: Advanced Functions

- VLOOKUP
- XLOOKUP
- MATCH/INDEX
- Data Validation

Chapter 4: Pivot Tables

- Insert a Pivot Table
- Pivot Tables for Summaries
- Use of slicers and pivot charts.
- Sorting, Top N, Filter
- Two Dimensional Pivot Table



Chapter 5: ETL with Power Query Editor

- Using the ETL framework
- Data Transformation with Power Query
- Using the Data Analysis Toolkit
- Merge, Append, and Stacking
- Group by aggregations

Chapter 6: Data Modelling with Power Pivot

- Data Analysis with DAX
- Modeling relational tables with Power Pivot
- DAX Measures
- Calculated Columns
- Dynamic Reporting with Power Pivot

Chapter 7: Management Dashboards

- Advanced Visualizations
- Creating dynamic reporting
- Filters and slicers
- Formating visuals and reports
- Creating Automated Reports with Excel

Chapter 8: Business Analytics and Case studies with Excel

- Goal Seeking
- Descriptive Statistics
- Data Tables
- Exploratory Research
- Industry Case Studies



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