Financial Analysis- Customized

1. **Microsoft Excel - Best Practices Tips and Tricks**
    - Initial Formatting Is Key for Creating Professional-looking Spreadsheets
    - The Secret to Faster Scrolling in Excel
    - Be even quicker: F5 + Enter
    - The Secret to Faster Scrolling in Excel
    - Using Absolute and Relative Cell References
    - Find and Select Cells That Meet Specific Conditions
    - How to Create Dynamic Names in Excel Spreadsheets
    - Using Named Ranges to Make Formulas More Readable
    - Introduction to Custom Formatting in Excel
    - How to Add a Drop-down List in Excel
    - Multiply by 1
    - Find and Replace – References & Formatting
    - The Power of F2

2. **Saving Time in Excel and Doing Everything Faster by Using Excel Shortcuts**
    - Basic Navigation Shortcuts
    - Data Entry and Editing Shortcuts
    - Formatting Shortcuts
    - Formula and Function Shortcuts
    - Chart and Graph Shortcuts
    - Pivot Table Shortcuts

3. **Microsoft Excel - Advanced Functions**
    - Excel's Lookup Functions: VLOOKUP & HLOOKUP Made Easy
    - INDEX, MATCH, and Their Combination - The Perfect Substitute of VLOOKUP
    - XLOOKUP: a Solid Substitute of VLOOKUP (Office 365 only)
    - Using Excel's IFERROR Function to Trap Spreadsheet Errors
    - Nested Functions Using And & Or
    - A Useful Tool for Financial Analysis - The RANK Function
    - Choose Function
    - ISNA, IS Blank
    - SumProduct
    - Rank Function Ascending
    - Rank Function Descending
    - EOmonth
    - Edate
4. **Microsoft Excel - Advanced Tools**
    - Advance Filter

- Data Validations
- Conditional Dropdowns
- Remove Duplicates
- Conditional Formatting

5. **Practical Exercise "Build a P&L from Scratch"**
    - Introduction to the Case Study
    - Understand Your Data Source Before You Start Working on It
    - Ordering the Source Worksheet
    - Creating a Code: The Best Way to Organize Your Data and Work Efficiently with It
    - Learn How to Create a Database
    - Using Lookup Functions (VLOOKUP) to Fill the Database Sheet
    - Using SUMIF to Complete the Database Sheet
    - Using INDEX & MATCH as a Substitute for VLOOKUP
    - XLOOKUP as a Substitute for VLOOKUP and INDEX&MATCH
    - The Mapping Exercise
    - Mapping the Rows in the Database Sheet
    - Building the Structure of the P&L Sheet
    - A Practical Example of Professional Formatting in Excel
    - Populating the P&L Sheet with SUMIF
    - Calculating Growth Rates in Excel

6. **Modeling in Excel - Building a Flexible Model for Profit and Loss account with forecasting (Management Accounting)**
    - Introduction to the Exercise
    - Let's Create a Mapping of Financials
    - Building an Output P&L Sheet
    - Filling in the Output P&L Sheet with Historical Financials
    - Calculating Percentage Variances and Applying Conditional Formatting
    - Building an Output Balance Sheet
    - Using INDEX, MATCH, MATCH to Fill in the Output Balance Sheet
    - Adding the Forecast Period
    - Building a Flexible Model with CHOOSE & MATCH
    - Building a Flexible Model with VLOOKUP & COLUMNS

7. **Scenario Analysis**
    - Analysis using Scenario manager
    - Scenario Analysis: One Variable Data Table in Excel
    - Scenario Analysis: Two Variables Data Table in Excel
    - Scenario Analysis Using Solver in Excel

8. **Working with Pivot Tables in Excel**
    - Pivot Tables - Excel's Dynamic and Interactive Tables
    - Creating a Pivot Table: Choosing Row and Column Parameters
    - Design the Layout and Format of Your Pivot Tables
    - Additional Techniques That Will Ease Your Work with Pivot Tables
    - One of the Most Useful Excel Functions - GETPIVOTDATA
    - Pivot Table Slicers

9. **Creating Interactive Dashboards and Visualizations using Professional Charts**
    - Introduction
    - Stacked Column Chart with a Secondary Axis
    - Doughnut Chart
    - Area Chart
    - Bridge Chart
    - Sparklines
    - Timelines and Slicers
    - Establishing Connection between them

10. **Preparing a Budget Model**
    - Preparing simple Project Budget
    - Adding Assumptions
        i. Revenue
        ii. COGS
        iii. Salaries
        iv. General & Admin Exp
        v. Sales and Marketing Exp
    - Presenting Variance Analysis

11. **Macros**
    - Macros Are a Great Timesaver! Here's Why.
    - How to Use the Same Macro on Multiple Workbooks

12. **Introduction to Power Query**
    - Basic interface and navigation
    - Importing data from various sources
    - Basic Data Transformation