



The Modern Excel Power Apps Essentials



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Power Apps Essentials– The Practical Skills

A customizable course according to your company’s requirements.

Duration

8 hours

Objectives

1. Introduction to Power Apps and Excel Integration
2. Building Basic Apps for Excel Data
3. Integrating Excel Calculations and Functions
4. Power Apps Deployment and Sharing
5. Real-world Applications and Case Studies

This is a completely hand-on lecture! No PowerPoint- students will be practicing on SharePoint and excel throughout the lecture.



Outline of Power Apps Essentials Course

1. Introduction to Power Apps

1.1 Overview of Power Apps

- Understanding the benefits of Power Apps for Excel users
- Introduction to the Power Apps interface

1.2 Connecting Power Apps with Excel

- Importing Excel data into Power Apps
- Establishing data connections and relationships

1.3 Basic App Creation in Power Apps

- Building a simple app from an Excel data source
- Exploring basic app components and features

2. Building Basic Apps for Excel Data

2.1 Formulas and Expressions in Power Apps

- Introduction to Power Apps formulas
- Using expressions for data manipulation

2.2 Creating Basic Data Entry Forms

- Building simple forms to input data
- Implementing basic validation rules

2.3 Gallery Views for Excel Data

- Displaying Excel data using gallery views
- Customizing gallery layouts and styles



Table



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PivotTable



PivotChart



Interactive Dashboards



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3. Integrating Excel Calculations and Functions

3.1 Using Excel Functions in Power Apps

- Incorporating Excel functions into Power Apps
- Dynamically calculating values based on Excel data

3.2 Advanced Data Transformation in Power Apps

- Applying advanced data transformations using Power Apps
- Creating calculated fields and dynamic formulas

3.3 Formulas for Data Validation and Formatting

- Implementing formulas for data validation
- Formatting data based on Excel criteria

4. Power Apps Deployment and Sharing

4.1 Testing and Debugging Power Apps

- Techniques for testing and debugging Power Apps
- Identifying and resolving common errors

4.2 Sharing and Collaborating on Power Apps

- Sharing Power Apps with other users
- Collaborative app development and version control

4.3 Deployment Options for Power Apps

- Deploying Power Apps within Excel
- Integrating apps into existing Excel workflows

5. Real-world Applications and Case Studies

5.1 Building a Simple Workflow App

- Designing a workflow app for common business processes
- Addressing real-world data challenges



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Interactive Dashboards



5.2 Customizing Apps for Specific Industries

- Tailoring Power Apps for industry-specific needs
- Analyzing case studies and best practices

5.3 Q&A and Troubleshooting

- Addressing participant questions and troubleshooting common issues
- Exploring additional resources for continued learning