

		Changing Locale	•
		Connecting to a Database	•
		Basic Transformations	•
		Managing Query Groups	•
		Splitting Columns	•
		Changing Data Types	•
		Working with Dates	•
		Removing and Reordering Columns	•
		Conditional Columns	•
		Connecting to Files in a Folder	•
		Merge Queries	•
		Query Dependency View	•
		Transforming Less Structured Data	•
		Enter Data	•
		Query Parameters	•
		Summary	•
		Knowledge Checks	
	~	Lab 1 Lab	•
		Lab Overview	•
		Exercise 1: Import Data from Access Database	•
		Exercise 2: Import Data from a Folder Containing CSV Files	•
		Exercise 3: Import a Less Structured Data from an Excel File	•
~	2. P	ower BI Desktop Modelling	
		Data Modelling in Power BI Desktop Quiz	
		Introduction	•
		Managing Data Relationships	•
		Creating Calculated Columns	•
		Optimizing Models for Reporting	•
		Creating Calculated Measures	•
		Creating and Managing Hierarchies	•
		Using Calculated Tables	•
		Time Intelligence	0
		Manually Typing in a Data Table	•
		Include / Exclude	•
		Grouping / Binning	•
		Summary	•
		Knowledge Checks	
		Lab 2 Lab	•
		Lab Overview	•

	Exercise 2: Last Year Comparison	•
	Exercise 3: Year to Date	•
	Exercise 4: Market Share	•
	Exercise 5: Optimize the Data Model	•
3.	Power BI Desktop Visualization	
~	Visualizing Your Data	
	Quiz	
	Introduction Discost Toward T	• •
	Pie and Treemap	<u> </u>
	Hierarchical Axis and Concatenating	<u> </u>
	Filter (Including TopN) Page Chapter title Line (Comba Chapt)	<u> </u>
	Bar Chart with Line (Combo Chart)	<u> </u>
	Analytics Pane Clustering (and Machine Learning)	<u> </u>
		-
	Slicer	
	Focus Mode and See Data	0
	Date Slicer	0
	Map Visualizations	•
	ESRI Map Table and Matrix	•
		•
	Table Styles	•
	Scatter Chart Waterfall	©
	Gauge, Card, and KPI	•
	Coloring Charts	0
	Shapes, Textboxes, and Images	0
	Gridlines and Snap to Grid	0
	Knowledge Checks	
~	Working with Multiple Visualizations	
•	Quiz	
	Page Layout and Formatting	•
	Visual Relationship	•
	Duplicate Page	•
	Categories with No Data	•
	Default Summarization and Categorization	•
	Positioning, Aligning, and Sorting Visuals	•
	Custom Hierarchies	•
	R - Visual Integration	•
	Summary	•
	Knowledge Checks	
~	Lab 3 Lab	•
	Lab Overview	•
	Exercise 1: Cross-Tabular Report	0

	Exercise 2: Part-to-Whole Report	•
	Exercise 3: Relationship Report	•
	Exercise 4: Trend Report	•
	Exercise 5: Rank Report	•
4. F	Power BI Service	
~	Working with Power BI Service	
	Quiz Introduction	S
	Overview of Dashboards and Service	0
	Uploading to Power BI Service	<u> </u>
	Quick Insights	0
	Configuring a Dashboard	<u> </u>
	Adding Textbox, Image Widgets	0
	Featured and Favorite Dashboard	0
	Filtering Dashboard	0
	Dashboard Settings	•
	Natural Language Queries	•
	Featured Questions	0
	Sharing a Dashboard	•
	In-Focus Mode	O
	Pinning a Live Page	•
	Custom URL and Title	<u> </u>
	TV Mode and Collapse Navigation	0
	Printing Dashboard and Exporting Data	O
	Export to CSV and Excel	0
	Power BI Notifications	0
	Alerts in the Power BI Service	0
	Personal Gateway	O
	Publishing to Web	O
	Admin Portal	•
	Knowledge Checks	
~	Viewing Power BI Dashboard	0
	Viewing in Windows App	O
	Viewing in Android App	0
	Viewing in Ipad	O
	Viewing in iPhone	O
	Summary	<u> </u>
~	Lab 4 Lab	•
	Lab Overview	O
	Exercise 1: Upload PBI Report and Pin Visualizations	O
	Exercise 2: Share Dashboard and Update Report	•
	Exercise 3: Schedule Data Refresh	Ø

5. Working with Excel

	*	Connecting and Collaborating with Excel Quiz	
		Introduction	•
		Importing Excel Data using Simple Table	•
		Excel Workbook with Excel Data Model	•
		Connecting to Excel Workbook on OneDrive for Business	•
		Pinning Excel Tables or Visuals	•
		Analyzing Data in Excel	•
		Summary	•
		Knowledge Checks	
		Lab 5 Lab	•
		Lab Overview	•
		Exercise 1: Upload Excel File with an Excel Table	•
~	6. D	irect Connectivity	
	~	Direct Connectivity Quiz	
		Introduction	•
		Direct Connectivity to SQL Azure	•
		Direct Connectivity to SQL Database	•
		Direct Connectivity to SSAS	•
		Using SSAS Connector	•
		SSAS Multi Dimensional Preview	•
		SAP HANA	•
		Summary	•
		Knowledge Checks	
	*	Lab 6 Lab	•
		Lab Overview	•
		Exercise 1: Direct Connectivity From Power BI Desktop	•
		Exercise 2: Direct Connectivity From Power BI Service	•
~	7. 0	Developer API	
	*	Developer API Quiz	
		Introduction	•
		Interactive API Console	•
		Registering a Client App and Embedding a Tile	•
		Using PubNub to Push Data to a Tile	•
		Creating Custom Visuals	•
		Using Custom Visuals	•
		Power BI Embedded	•
		Summary	•
		Knowledge Checks	

`	~	Lab 7 Lab	
		Lab Overview	•
		Exercise: Use Custom Visuals	•
	8. N	Nobile App	•
	~	Mobile App	•
		Introduction	•
		Report Gallery and Search	•
		Mobile Dashboard Layout	•
		Sharing and Annotating in Power BI Mobile	•
		Taking Your Mobile Content Offline	•
		Platform Specific Features	•
		Search and Recent	•
		Limiting Access to Mobile + MAM	•
~	Cou	urse Wrap-up	
,	~	Course Wrap-up	•
		Course Wrap-up	Ø