KOENIG SOLUTIONS · COURSE OUTLINE

PowerPivot for End Users

6	7	43
MODULES	TOPICS	HANDS-ON ACTIVITIES

LEARNING OBJECTIVES

- Install PowerPivot for Excel and identify Excel 2010 features
- Load data into PowerPivot from sources such as SQL Server and text files
- Clean loaded data and create relationships between data sources
- Apply DAX date, time intelligence and statistical functions
- Apply filter, logical and information functions in PowerPivot
- Build reports using PivotCharts, slicers and sparklines
- Configure PowerPivot for SharePoint 2010

COURSE SYLLABUS

6 Modules, 7 Topics

01

Activity

Overview

A simple introduction module.

02

Activity

PowerPivot Introduction

In this module we take a look at an introductory view of PowerPivot.

TOPICS

Excel 2010 Features · PowerPivot Introduction

03

5 Activities Activity Activity

PowerPivot Data Sources

In this module we take a look at all the possible data sources of which PowerPivot can work with!

TOPICS

Supported Data Sources

04

Activity 8 Activities 6 Activities 3 Activities 6 Activities 2 Activities Activity

PowerPivot Functions

In this module we take a look at PowerPivot Functions/DAX Expressions and how to use them!

TOPICS

PowerPivot Expressions

05

3 Activities

Building Reports Using PowerPivot

In this module we take a look at building reports using PowerPivot.

TOPICS

PowerPivot Reports

06

2 Activities 2 Activities

PowerPivot for SharePoint 2010

In this module we take a look at PowerPivot for SharePoint 2010.

TOPICS

Reports and Email · PowerPivot for SharePoint 2010

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
01	**Overview**	**Lab 1: None:** None
02	**PowerPivot Introduction**	**Lab 1: Installing PowerPivot:** Install PowerPivot for Excel
03	**PowerPivot Data Sources**	**LAB 1: LOADING DATA SOURCES** ■ Load Data From SQL Server ■ Load Data From Text Files ■ Load Data via Copy and Paste ■ Load Data via Data Feeds ■ Load Data via Reporting Services **Lab 2: Cleaning Data:** Cleaning data in PowerPivot **Lab 3: Creating Relationships:** Create Relationship between Data Sources

#	MODULE	ACTIVITY
04	**PowerPivot Functions**	**Lab 1: Create a Time Table:** Create a Time Table for future labs **LAB 2: USING DATE FUNCTIONS** ■ Use DATE Function ■ Use DATEVALUE Function ■ Use the DAY, MONTH, YEAR, HOUR, MINUTE, SECOND Functions ■ Use EDATE Function ■ Use EOMONTH Function ■ Use NOW and TODAY Functions ■ Use TIME and TIMEVALUE Functions ■ Use WEEKDAY and WEEKNUM Functions **LAB 3: USING TIME INTELLIGENCE FUNCTIONS** ■ Use FIRST* and LAST* Functions ■ Use DATE* Functions ■ Use STARTOF* and ENDOF* Functions ■ Use CLOSING* and OPENING* Functions ■ Use LASTOF* and FIRST* Functions ■ Use PREVIOUS* and NEXT* Functions **LAB 4: USING STATISTICAL FUNCTIONS** ■ Use AVERAGE* Functions ■ Use COUNT* Functions ■ Use MAX* and MIN* Functions **LAB 5: USING FILTER FUNCTIONS** ■ Use ALL, ALLEXCEPT and ALLNOBLANKROW ■ Use CALCULATE, CALCULATETABLE ■ Use DISTINCT and VALUES ■ Use EARLIER and EARLIEST ■ Use FILTER ■ Use RELATED **LAB 6: USING LOGICAL AND INFORMATION FUNCTIONS** ■ Use Logical Functions (AND, FALSE, IF, IFERROR, NOT, OR, TRUE) ■ Use Information Functions (ISBLANK, ISERROR, ISLOGICAL, ISNONTEXT, ISNUMBER, ISTEXT) **Lab 7: Using TEXT Functions:** Use TEXT Functions
05	**Building Reports Using PowerPivot**	**LAB 1: CREATING REPORTS** ■ Use PivotCharts ■ Use Slicers ■ Use Sparklines
06	**PowerPivot for SharePoint 2010**	**LAB 1: INSTALLING POWERPIVOT FOR SHAREPOINT 2010** ■ Install PowerPivot for SharePoint 2010 ■ Configure PowerPivot for SharePoint **LAB 2: CONFIGURING POWERPIVOT FOR SHAREPOINT 2010** ■ Publish to SharePoint 2010 ■ Configure PowerPivot for SharePoint 2010

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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