Iverson Associates Sdn Bhd (303330-M)
Suite T113 – T114, 3rd Floor, Centrepoint, Lebuh Bandar Utama
Bandar Utama, 47800 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7726 2678   Fax: 03-7727 9737   Website: www.iverson.com.my

Course Outline :: **Analysing Data with Power BI**::

Module Title   : DA-100T00 Analyzing Data with Microsoft Power BI for Non-technical (Customized)

Duration   : 2 days

Course Description

The main purpose of the course is to give students a good understanding of data analysis with Power BI. The course includes perform data transform, develop data modelling, create the visualizations for report and dashboard, and implement the Power BI Service.

Audience

The primary audience for this course is for individuals who develop reports that visualize data from the data platform technologies that exist on both in the cloud and on-premises. The secondary audiences for this course are technically proficient business users.

Prerequisites

- Student enrolling in this course should understand the basics of Windows.
- They should already have experience working with Microsoft Excel.

Learning Objectives

After completing this course, students will be able to:

- Describe how to connect to data sources.
- Perform Power BI desktop data transformation.
- Design Power BI desktop data modelling.
- Create a Power BI visualization for report and dashboard.
- Explore the features of Power BI service.
- Share and collaborate using workspace.

Course Outline

Module 1: Get Started with Microsoft Data Analytics

- Data Analytics and Microsoft
- Getting Started with Power BI

Module 2: Prepare Data in Power BI

- Get data from various data sources
- Resolve data errors

Module 3: Clean, Transform, and Load Data in Power BI

- Data shaping
- Enhance the data structure
- Data Profiling

Module 4: Design a Data Model in Power BI

- Introduction to data modeling
- Working with tables
- Dimensions and Hierarchies

Module 5: Create Reports

- Design a report
- Enhance the report

Module 6: Create Dashboards

- Create a Dashboard
- Real-time Dashboard
- Enhance a Dashboard

Module 7: Create and Manage Workspaces

- Creating Workspaces