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TAN DUC INFORMATION TECHNOLOGY SCHOOL JSC

Address: 103 Pasteur, Dist.1, HCMC

Tel: 08 38245819; 38239761

Email: traincert@tdt-tanduc.com

Website: www.tdt-tanduc.com; www.tanducits.com

Analyzing and Visualizing Data with Power BI

Duration: 1 day



COURSE OUTLINE

Module 1 Load and Transform data	Module 2 Data Modeling	Module 3 Data Visualization
Lessons • Introduce Power Query Editor • Shaping data • Combining data Lab: • Accessing Data • Adding additional data • Data Preparation • Renaming tables • Using Fill feature • Using Split feature • Using Rename Column feature • Using Column from Examples feature • Using Add/Remove Rows feature • Using Transpose feature • Using Append and Conditional Column feature	Lessons • Relationships • Introduce DAX • Calculated columns and measures Lab: • Create relationships • Create calculated columns within table • Create measures: ○ Simple aggregations: SUM(), AVERAGE() ○ Filter functions: CALCULATE(), ALL(), ALLEXPECT() ○ Time Intelligence functions: PREVIOUSYEAR()	Lessons • Creating Power BI reports with visual • Formatting visuals Lab: • Building Power BI reports • Drill through

After completing this course, students will be able to:

- Perform Power BI desktop data transformation.
- Describe Power BI desktop modelling.
- Create a Power BI desktop visualization.