



NGEE ANN
POLYTECHNIC

School of ICT

Data Visualisation with Power BI

INDIVIDUAL ASSIGNMENT

DATA ANALYTICS ASSIGNMENT

1. OBJECTIVES

- To create a star/snow flake data model.
- To create interactive data visualizations.

2. TASK OVERVIEW

Context:

You are a Marketing Analyst.

You request for credit card transaction information, from the Enterprise IT Dept.

You received five data files (collectively a dataset), which are extracted from the company's credit card transaction system.

Your Tasks

This project requires you:

- To explore, transform and load the data into a dimensional model using Power BI. Your data model should use all data files given to you.
- To create interactive Data Visualizations using Power BI. The visualization should include at least 6 different types of visualization which can include any of the following:
 - i. Bar Chart
 - ii. Pie Chart
 - iii. TreeMap
 - iv. Doughnut Chart
 - v. Combo Chart
 - vi. Line Chart
 - vii. Area Chart
 - viii. Gauge Chart
 - ix. Ribbon Chart
 - x. KPI
 - xi. Matrix
 - xii. Map

Please submit your PowerBI file into the Data School portal before the deadline.