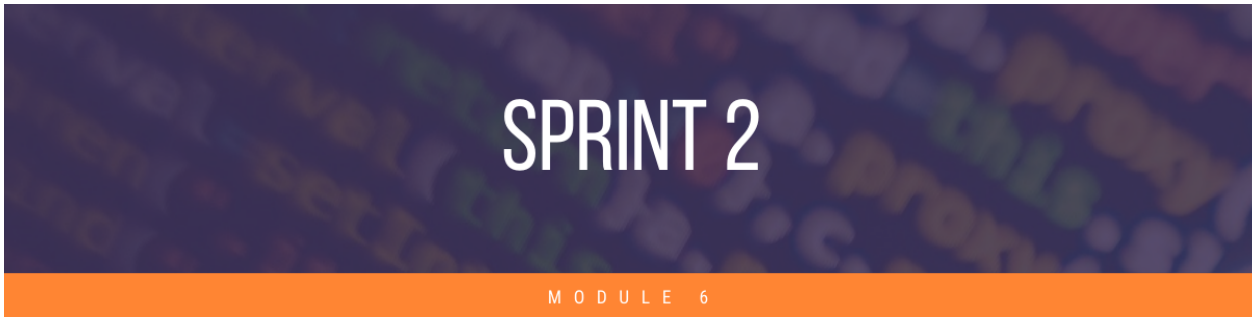
Sprint 2



Welcome to this week's Sprint.

SPRINT 2

Data-Vault Tech Ind.

Data-Vault Tech (PTY) Ltd was conceived in 1999 by Mr. Robert Matiwa in the Western Cape Province of the Republic of South Africa. The company is situated in the metropolitan area of Cape Town. Data-Vault specializes in data capturing and serves major companies in the IT industry.

Data-Vault Tech is an independent company, and it uses advanced software to ensure that every businesses Data, such as stock, sales & storage, are safe and secure in a Data Vault. To achieve this, Data-Vault Tech works with unique QR code scanners which capture input. This enables when customers need more information on the product, see the stock that is still left as well as how much the product was sold to other customers. This is displays for popularity of the products for business as well as assists for marketing in data analysis.

MySQL

MySQL is a Structured Query Language which is used for private relational database management system. It is supported by Oracle corporation.

A relational database stores data in separate tables rather than putting all the data in one big storeroom. The database structures are organized into physical files optimized for speed. The logical model, with objects such as databases, tables, views, rows, and columns, offers a flexible programming environment. You set up rules governing the relationships between different data fields, such as one-to-one, one-to-many, unique, required or optional, and “pointers”

between different tables. The database enforces these rules, so that with a well-designed database, your application never sees inconsistent, duplicate, orphan, out-of-date, or missing data.

Instructions:

1. This is an individual exercise
2. You will use MySQL and Matplotlib to implement your solution

Question

You have been deployed as a data vault analyst. As part of your assignment, you are required:

a. Import the data from your CSV/Excel file, from sprint 1, using MySQL.

b. Using the data from (a) above, add visuals that you have learnt this week to present your data using Matplotlib

CLICK NEXT TO CONTINUE