ExCEL Prerequisite

Name: Jeggean A/L Rajendran

Matrix Number: A19EC0059

Academic Advisor: Prof. Madya. Dr. Haza Nuzly Bin Abdull
Hamed

Activity: CLOUD STUDY JAM - BIG QUERY BASICS
FOR DATA ANALYST

Activities information

Date: 30 November 2019

Venue: Seminar Room, School of Electrical Engineering

Organiser: Developer Student Clubs (DSC) University Technology Malaysia

Graduate Attributes

- Thinking Skills
- Adaptability
- Communication Skills

Position/Role in the activities

On 30 November 2019, I applied and participated in the CLOUD STUDY JAM - BIG QUERY BASICS FOR DATA ANALYST.

Mini Report

Justification in joining the activities:

On 30 November 2019, I applied and participated in the CLOUD STUDY JAM - BIG QUERY BASICS FOR DATA ANALYST. This event organised by the DSC University Technology Malaysia. The main reason I joined this event is because I want to learn more about data science and to gain knowledge in the field of data science. This is because nowadays data has become one of the famous trends in the era and data scientists have played an important role in this field where they will process the raw data and analyse the data which can be used in many sectors such as finance, health, plantation and many more.

The Graduate Attributes that are focused on:

This competition has 3 focused Graduate Attributes which are, **Thinking skill**, **Adaptability** and **Communication Skills**.

In this activity it has trained the **thinking skills** of every participant in this activity. This is because in this seminar besides learning the basics of data science the organisers also plan some activities and question where we need to solve by using big query. During this process all the participants will be required to think on how to analyse the raw data by using the big query learned before. This activity had increased the participant's thinking skills to solve the question given by the organisers.

Next, this activity also improved and trained the **adaptability skill** of the participant. In this activity, after the organisers teach us the basics of data science and how to use the google cloud platform to produce an analyse results from the raw data each participant is required to solve the question given by the organisers from the knowledge that had been learned during the seminar. This has improved the participant adaptability skill where the participant needs to apply the knowledge they learn in the short time after finishing learning the basics of data science which will give participants a good experience as in the future company usually will require us to adapt quickly in a company by using what we had learned and during internship.

Lastly, this activity also trained the participant's **communication skill** where each participant will be asked some questions and they need to answer the question given by the organisers. Besides, it also increases the participant's communication skills where the participant is encouraged to ask the question whenever they don't understand the topic so they can understand better about the topic.

Content of the activities:

This activity was organised by the Developer Student Club UTM. This activity aims to encourage more students in UTM to start to learn and gain knowledge about data science as data science has become one of the popular trends and plays an important role in the future work and can be applied in many sectors.

In the beginning of the seminar the organiser introduces themselves and introduces the Developer Student Club. After that, the organiser starts the seminar and starts to introduce the basics of data science and how to apply big data query using the google cloud platform. Before this DSC club also organized a lot of seminars and activities regarding the future trend technology such as big data query, google cloud and more. After the introduction section we are given a break time and then we continue with the big data query part using google cloud platform.

After that, we are given some questions and dataset to analyse using the big data query part using google cloud platform. Then, this activity ended with a Q & A session and a closing ceremony where we took a group picture.

Self-reflection

In this event, I get to learn more about the basic of data science and learn more about the ways and technique to do the data analysis using the big data query using google cloud language. For me I think data science is very interesting because we can analyse the raw data and then using the analyse result to predict some information we want. As we know nowadays data had become very a common thing and all of us are creating numerous data in our daily life when we using our phone or do some activities in our life. In conclusion, I think that this activity is very interesting and meaningful where I get to learn about the data science knowledge and can use the knowledge I learn in my future career.