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# School of InfoComm Technology

**Intelligent Enterprise Systems**

Year 2 (2022/23), Semester 3

**ASSIGNMENT 2**

**(Individual Assignment)**

**Submission Deadline:**

**10th August 2022 2359hrs**

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| **Student Name** | **:** | Ang Jing Yi Clairer |
| **Student Number** | **:** | S10223223K |

**Penalty for late submission:**

10% of the marks will be deducted every calendar day after the deadline.

**NO** submission will be accepted after 17th Aug 2022, 2359 hrs

**PART 1:**

**Graphical user interface, text, application, email

Description automatically generated**

**PART 2:**

Graphical user interface, application

Description automatically generated

This is the overall story that I have done the left-hand side are the filters for this page (Year, Month and Region) while the story filters are Country and State as due to many countries and states it may result in the lag of storyboard which I why I did not place it along with the other 3 in the story page. The top 3 indicators are for Total Sales, Profits and Number of Customers. The line chart is to see the quality and sales per month. The geo map shows the profits earned from each city location. The first bar graph is to show sales per region while the second bar graph shows the sales per product. The pie chart shows sales per category and the table shows the number of sales of each category from each country.

**Smart Discovery:**

Graphical user interface, application

Description automatically generated

This shows the visuals that I may not have figure out from smart discovery.

Graphical user interface, text, application, website

Description automatically generated

This shows the key influencers of the sales (target).

Graphical user interface, text, application, email

Description automatically generated

This shows the stimulation provided by the smart discovery.

**SUMMARY:**

From mostly SAP Cloud Analytics, I generally have learnt the concepts of smart insights where I am able to literally find some data relating to the visuals I generally had created and provided me much more insightful information that can for the most part help me to better kind of understand how these dimensions affected the very overall visual. I also learnt how to use smart discovery to generally find for all intents and purposes better story visuals to use or refer from. Smart Discovery also kind of allow me to essentially see sort of certain details I never generally had generally thought about as well as being able to generally stimulate “real-like” context to essentially predict the number sales through different generally key influencers like profits, sales and category in a generally major way. Some difficulties I basically have faced throughout the creation of story board actually is that sometimes when creating the visuals, I may basically get errors where data could not for the most part be retrieved which confuses me a little as I for the most part had already made for all intents and purposes sure that each data are properly transformed as well as created accordingly to what I mostly have learnt from the SAP Learning Hub (part 1).

Before I actually started using the Cloud Analytics, I mostly had initially kind of thought that filters essentially are the same but when I essentially had gone in to actually create my story, I for the most part realized that there was a difference between story filter and page filters as story filters for all intents and purposes allow me to filter the entire story where for all intents and purposes multiple pages will literally be for all intents and purposes included while page filter only filters to that kind of specific page.

After using generally SAP Cloud Analytics, I essentially realized there actually are similarities as well as differences to generally many other software I used like PowerBI and Tableau in a generally major way. Some similarities essentially are that they use mostly the same functions as being able to format text and the overall visual kind of looks. While the differences essentially are that for Cloud Analytics, it is generally slow in terms of loading certain data like geo maps as it may be from the amount of data but for PowerBI, when creating map related visuals, I did not experience much of the slowness, which is fairly significant.

Overall, though there for all intents and purposes are advantages and disadvantages of particularly SAP Cloud Analytics, I particularly had fun creating the story board as well experiencing new software to create visualization instead of using PowerBI and Tableau in a big way which I can add in to my skillsets in LinkedIn to be slightly knowledgeable in SAP Cloud Analytics.