## PDS Assignment 01\_Group A

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(	3	Write in details, what is Data science & Description of
		various phases in data science projects in details also
	5	mention various tools used in every phase.  Explaine one application of data science thoroughly.
	9	What is Data Science?
		Data science combines multiple fields, including statistics,
		scientific methods, artificial lintelligence (A1), and data
		analysis to extract value from data. Those who practise
S5.2	10	data science are called as scientists and they combine
<u> </u>	1	a range of skills to analyze data collected from the web.
	-	Smartphone, cultomers, sensors and other sources
		to derive actionable insights.
	15	Data Science encompass preparing data for analysis
	1	including cleansing aggregating and manipulating the
		data to perform advanced data analysis. Abalytic
	-	applications and data scientists can then revided the results
	-	to unever pattern and enable business leaders to draw informed insights.
2	c	drap informed insights.
	-	<b>V</b>
	-	

3 Data prepration

Data preprotion is the process of data gathering, Combining structuring, and organizing so it can be used in business intelligence (B1), analytics and data visualization applications. The components of Data pre processing include data preprocessing, profiling, cleansing, validation and transformation it after also involves pulling together data from differentiational systems and external sources.

(Tools) used for Data prepretion

Tyc, Data ladder Microsoft power Bi, Tableau prep Infogix Data 360, Tamr Unify, Talend, Altreyx Amaysis, Altair Monarch, paxata, Trifacta.

4 Data Modeling

Data Modeling is a process of creating visual represented of either a whole information on system or parts of it to communicate connections between data points and structures.

The goal is to illustrate types of data used and stored within system, the relationships among these datatypess. The way data can be organised and grouped and its format attributes.

Tools used for Data Modelling

Draw.io, Lucidement, Squirrel sql Client, Mysql Workbeach, Amundsen, enoin Data Modelin, Expendient Postico, Navicat, Dotagrip.

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Application of Data Science in Augmented Reality
- Augmented Reality is one of the most exciting uses of technology.  - As a VR headset incorporates computer expertise, algorithm -s, and data to provide you with the greatest viewing experience, Data science and Virtual Reality have a
Connection. The popular game pokemon Go is a modest step in the night direction.
The ability to wander about and gaze at pokemon on walls, streets, and other non-existent objects. To determine the Location of pokemon and gyms, the game designers used data from Ingress, the Company's previous software.
Data science will make more sense if vR economy become s more affordable and Consumers begins to willize It in the same way they do other applications.
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