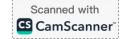
Aggidument T: Explain the use case and type of analytics and statistics involved in data analysis, The types of analytics are! Descriptive analytics:

The descriptive analytics helps to analyze the past data by the means of various statistical methods. In this process the answer of the question "What happened?" is understood clearly. a. "Use rease; to find the boar patients who suffered teas common cold on tenering Diagnostic analytice is used to 6 more detail. It answers the question " why did it happen ?" Descriptue analytics helps the hastipal or doctor to find the core reason behind tre booble enthesist trons common cold or fever. Eg: High consumption of ice-cream, cold-

Dete / /

Bc.	Predictive Anglytics
	Predictive analytica uses historical
	derta and machine learning to forecast
37 et	the curve events or outcomes. It
	answers the question " what is likely
	to happen in future 3".
	Commence with the son config and c
	use ase
	By analyzing the historical does the
0.00	doctors estimates the passible number
200	of patients who might come to visit
-aL	than after suffering from common cold.
r 550	soupe a situate and some of the ago of the
do	Prescriptive analytics
7	The predictive analytica combines
	all descriptive, diagnostic and predictive
N. F. C.C.	analytics to recommend the best possible
5000	action or decigini. It answers the
	question " what should coe do to get the
	best result?".
	25 Hyrr SHERRESON (6)
	use ase estapen strongia.
,	The happital might son all accompanion
1-12-50	propries or health events to aware
	the people about the various diseases.
	the second of the second of the second
	: 35 m 305
. 57 3	of out on our assupredent whether sections of
- 2 - S	of months are able to the profession of the second
	so a more of principles offers of
	. s/o ed / 5 8



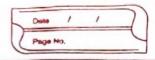


Compare and contrast the trade- off				
between Exploration and Explostation in				
Reinforcement Learning,				
re delice one in 3- osperne jet in				
In Reinporcement learning (RL) the trade				
off persold exploration and exploitation				
is a fundamental concept that significantly				
the reasolid brocess and bestormance of				
an agent.				
for choose groft off is pushe content				
Exploration				
Exploration is the process of performing				
new actions to discover their effect				
and gather more Progration about the				
environment. This helps to discover new				
strategies and improve puttre decision.				
The most server as a server of the server of				
key characteristics.				
1. Riskier: - Involve taking action that				
may lead to unknown requit.				
2. doing - term - Learning :- Helps the user				
discover better achols.				
was a particular some of productions of our grade less the				
3' Short-term- sacrifice :- It night lead				
to lower framedate recoard				
STEERING OF TOWNSON THE SCIENCE TO THE				
Example:				
The person might explore different				
path to reach to point "B" Starking From				
POINE "A".				

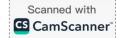
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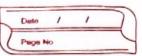
Exploitates agent					
Exportation Privates using the users					
current knowledge to choose actions					
that maxmize the outcome based on					
the past experience. It is about using					
the best-known strategy at the					
Correct moments					
property and fore process process of manifest					
key characteristics:					
dess risky: The great scients action					
dess risky: The great scients action it already knows one reconding					
7 DO EL DONNE BUT DE TOMORRADA BUT COMO					
Eppliciency: It is more explicient por					
- water of the short of the time to the					
avoign de equal eight anomorphies					
Miss-better- Strategy: The agent might					
miss the best strategy and may					
become leas productive					
Light printer outron their action .1					
is course of project					
and compared to the second of					
printed softad Townselbranes.					
What are the basic workflows / process					
in a machine learning propect.					
- ottomers react of					
The process of ML project & given below:					
beoples getinition:					
- closing define the problem you					
count to solve.					
. "A" ~500					





۵.	Data Collection:					
	conject the data required to train					
	the model. The data can be collected					
	from database or public dataset.					
	20 Mo bro					
3,	Data preprocessing:					
	clean and prepare the data for					
	analysis. This step contains handling the					
	missing values, converting data types, encoding and many more					
4.	Explosatory Data Analysis (EDA)					
100	EDA is done to understand the					
	data patterns and get more insights from					
	into the dataset.					
	The second of the second secon					
S.	Feature eggineering					
	Coease of Identify the Features					
	that may increase the model performance					
	The state of the s					
6.	Model selection					
	sciect the best algorithm I model					
	according to the problem type and data					
	Characterishie					
	and the second of the second					
7.	Moder Training					
	Train the selected model vally					
	the training data from the dataset.					
	perform hyperparameter tuning to moreage					
	model performance.					





Dodel Evaluation de domination de
Evaluate the performance of
the trained model by using the
metrice like e2, 2M38, FI Score
and others
references of other
Dode 1 Deployment
Dopby the barred model to a
production envisonment.
Short print den Mosses
Donitoring and maintainance
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