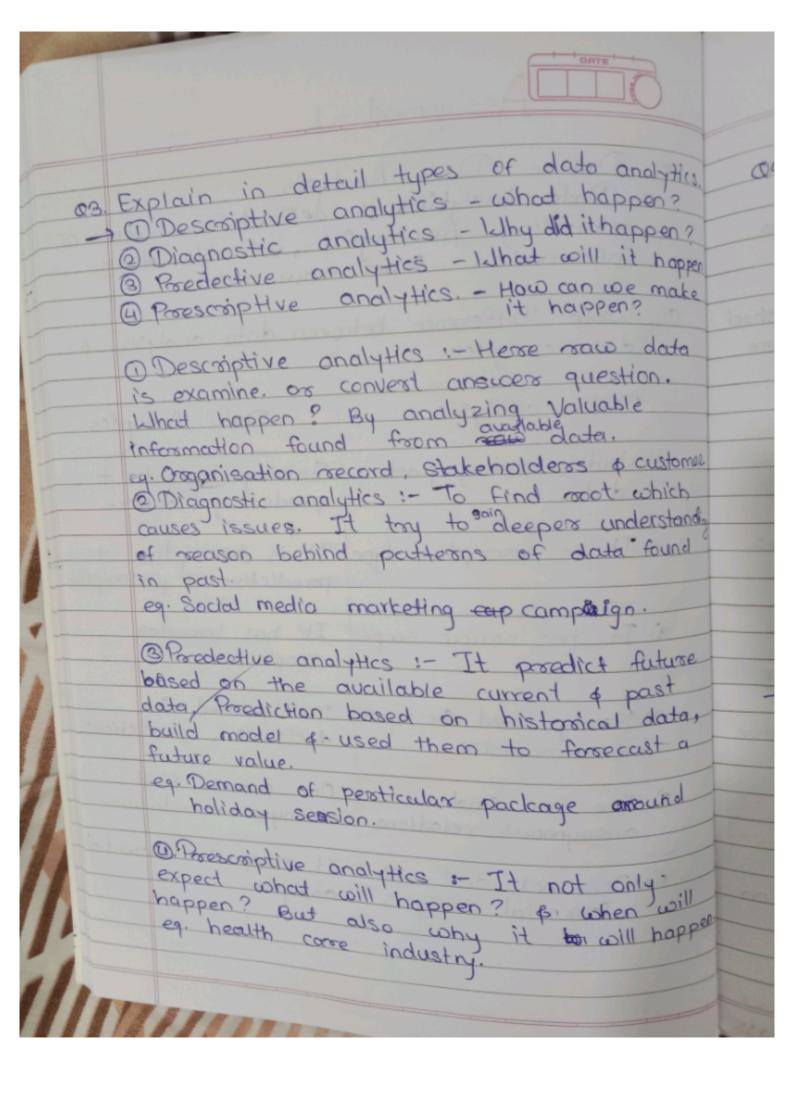
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Assignment -1

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7	Define Data Analytics is extracting meaningfur information from	1, valuable elater
Q2.	White Difference between data analysis & data analytics.	
	Data analysis	Data Analytics.
	Understanding past data.	predicting future
2)	It is descriptive type	It is descriptive + prescriptive
+		Scope
U.	mainly used for reports	mainly used for decisions, predictions.
	One can find anonymous relations.	One cannot find anonymous relations.
6)	Does not deal with inferential analysis	It supports interential
	· La teubal	The decided



ay. Explain framework of data analysis. - This is first step where now data is - Source can include websites, mobile apps sensors, social media, etc. The goal is to gather relevant \$ eq. collecting users dicks & pirchases from an e-commerce website. @ Data management layers: Once data has been extracted data scientist must persform number of functions that are grouped under data management layer. The data may need to be normalized p stored in certain database access by analytics layers. 3 Data Analysis Layer :-In this layer, a data scientist uses number of engines to implement analytical functions depending on task at hand, a data scientist may use one or multiple engines to build on analytics application. @Proesentation layer:-It includes tools for building dashboard applications that display result of analytics engine.

as What is AUC & ROC? imbalance if majority level of data are positive or negative. ROC: - ROC cursue is greathleal plot that shows persformance of binary classifier. curave is created by plotting true positive rate against false positive rate at various threshold. Predicted class. Q6 Explain confusion motinx Negative Positive False Negative Positive Troue Positive Actual Type Error II class Negative False Positive. True Negative Type I Error - Confusion matrix is techniques for summanising persformance of classification Pable have 2 dimensional actual predictable Both dimension have TN, FP & FNI. Row represents actual class while column represent Predicted class

