ML Experiment 1

	ML Experiment 1 DATE:
	Kyeena Shah
	60004210243
	C'32
	·
	Aim: To perform data cleaning & preprocessing on the
	dataset & implement linear suggression.
	U.
	Theory:
	Data Cleaning is the parocess of fixing an emoving
	inconvert, consupted, inconvectly formatted, duplicate on
	incomplete data within a dataset
	while integrating multiple data sources, discrepancy is
. 04	possible which makes outcomes & algorithms unveliable
1 10	Steps to clean data:
	(1) Remove istatelevant data
	(2) Remove duplicate & incomplete cases
G.	(3) Fix stanctural earnors
	(4) Deal with missing data
	(5) Identify & seview outliess
	(6) Filtey out outliers
	(7) Encoding categoral data
	(8) Splitting the dataset
	(9) Feature Scaling I was along a committee production of
	Terrane starting
	Linear Regression
	It is a special type of machine leasining algorithm more
	specifically a superivised algorithm
	It leaving forom the labelled dataset & maps the data points to
	the most optimized linear functions,
	· ·
•	FOR EDUCATIONAL USE



