AI-Based Diabetes Prediction System Phase 3

We started building our project by loading the dataset, Processing the Data and Visualization of Data in Google colaboratory Notebook.

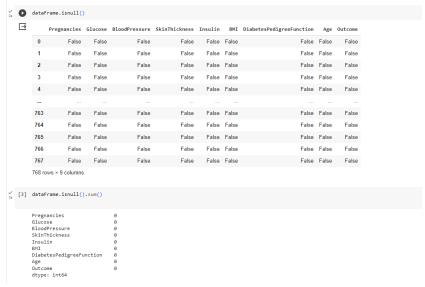
Loading the Dataset:

Downloaded the diabetes.csv dataset from the Kaggle We loaded a diabetes.csv dataset using the pandas library.

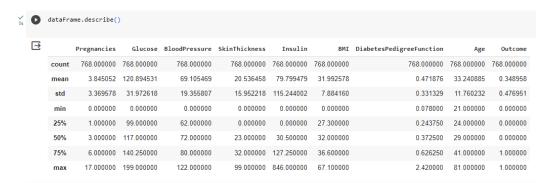
~	[1]	impor	rt pandas as	s pd							
v Os	[2]		rame = pd.r rame.head()		'diabetes.csv')						
		Р	regnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
		0	6	148	72	35	0	33.6	0.627	50	1
		1	1	85	66	29	0	26.6	0.351	31	0
		2	8	183	64	0	0	23.3	0.672	32	1
		3	1	89	66	23	94	28.1	0.167	21	0
		4	0	137	40	35	168	43.1	2.288	33	1

Data Preprocessing:

Checking whether there are any null values in the dataset

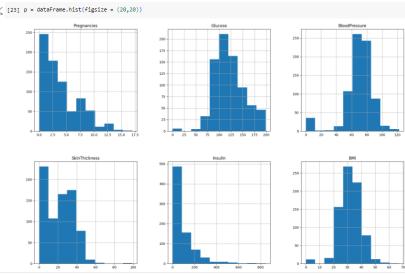


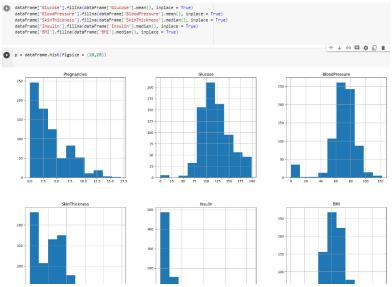
To know about the given dataset



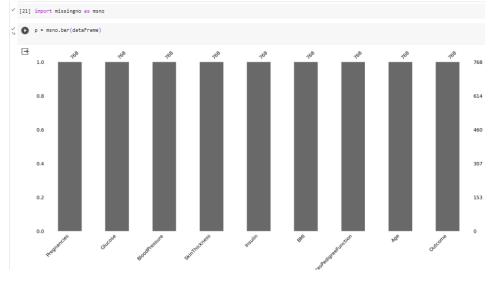
Data Visualization:

Plotting the distributions after removing the NAN values.





Plotting Null Count Analysis Plot



Team Members:

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