

Analyzing Cardiovascular Disease Dataset



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By : Mukhtar al bin hamad

Agenda



Project Goal



Dataset



Data Processing



Data
Visualization



Conclusion

Project Goal



- 1 Analyzing cardiovascular disease dataset.
- 2 Find which variables are related to the disease.

Dataset

- the dataset is provided in `.csv` format from *Kaggle*.
- It contains *70000* patients, each patient has *13* features

	id	age	gender	height	weight	ap_hi	ap_lo	cholesterol	gluc	smoke	alco	active	cardio
0	0	18393	2	168	62.0	110	80	1	1	0	0	1	0
1	1	20228	1	156	85.0	140	90	3	1	0	0	1	1
2	2	18857	1	165	64.0	130	70	3	1	0	0	0	1
3	3	17623	2	169	82.0	150	100	1	1	0	0	1	1
4	4	17474	1	156	56.0	100	60	1	1	0	0	0	0



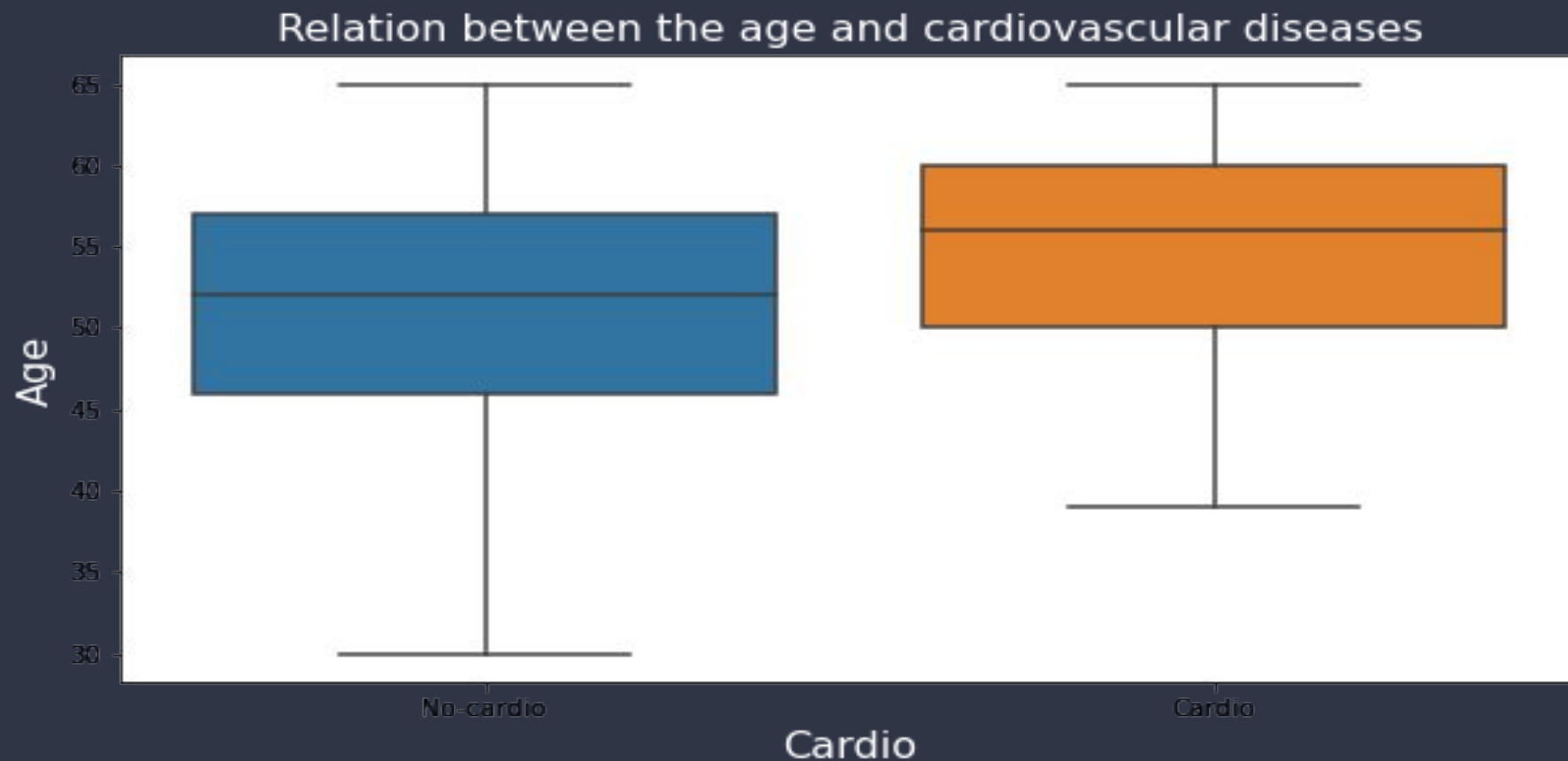
Data Processing



- 1 Cleaning the dataset.
- 2 adding extra features.

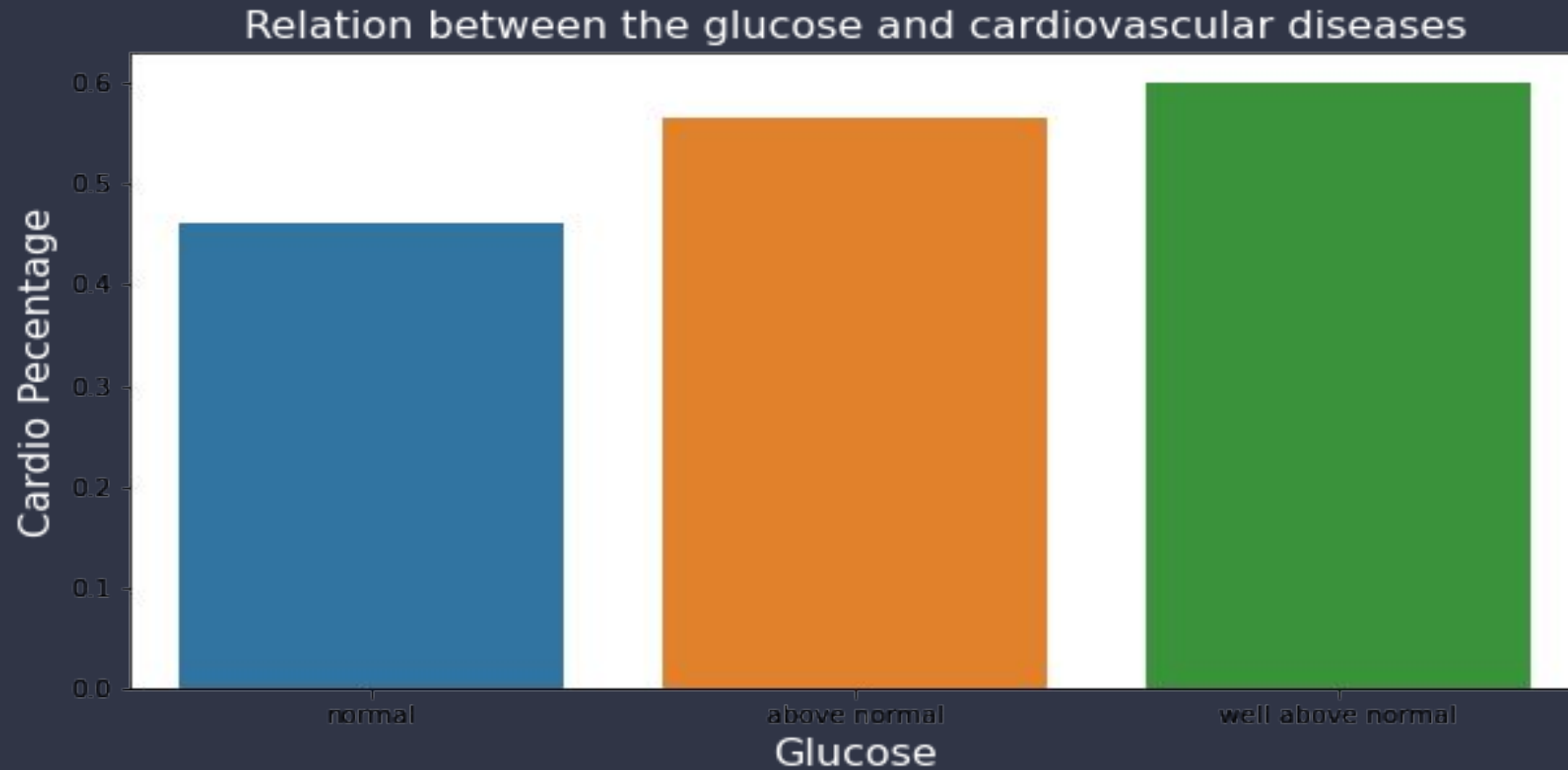
Data Visualization

Relation between the age and cardiovascular diseases



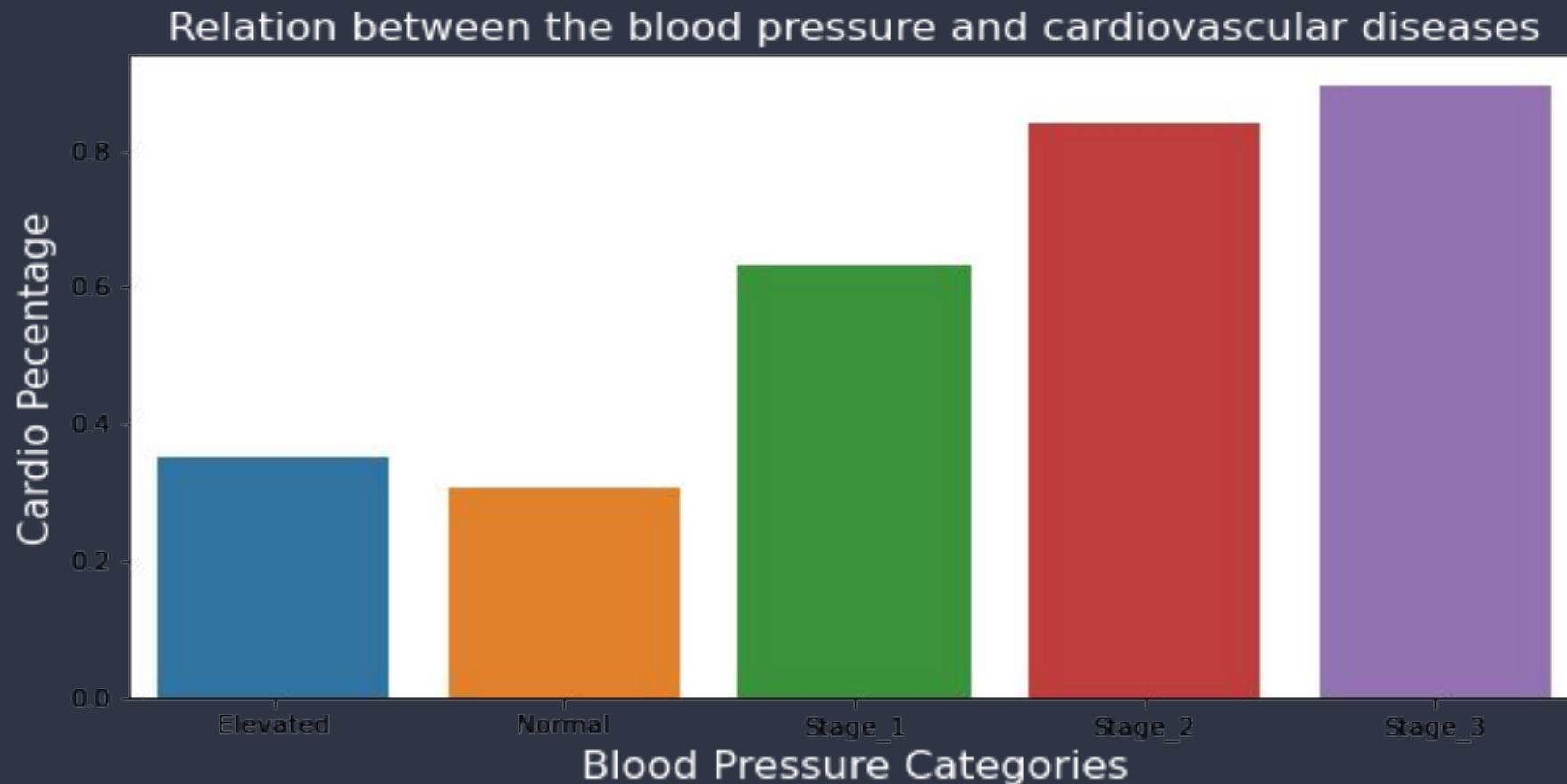
Data Visualization

Relation between the glucose and cardiovascular diseases



Data Visualization

Relation between the blood pressure and cardiovascular diseases



Conclusion

Thank You