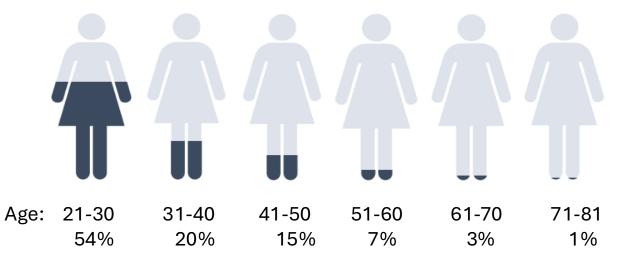
Presentation of homework no. 4

Missing Data: PIMA INDIANS DIABETES DATSET

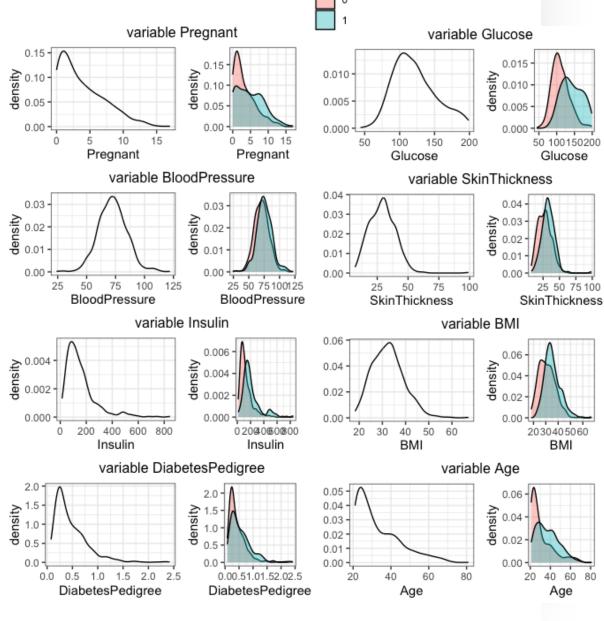
Tom Rupnik Medjedovič Neža Kržan

Health Data of Women from the Pima Indian Tribe

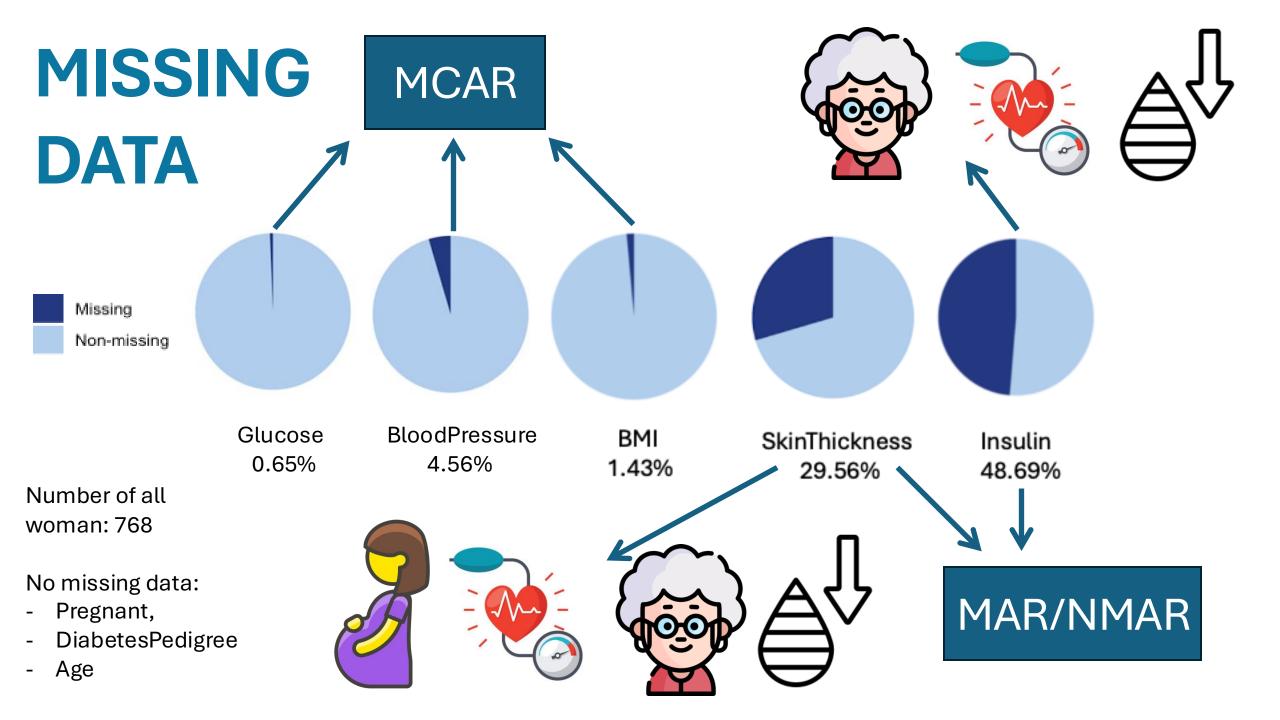


Pregnant	number of pregnancies
Glucose	plasma glucose concentration
BloodPressure	diastolic blood pressure(mm Hg)
SkinThickness	triceps skin fold thickness
Insulin	2-hour serum insulin
BMI	Body Mass Index
DiabetesPedigree	genetic predisposition
Age	age
DiabetesClass	Diabetes diagnosis (1 = Positive, 0 = Negative)

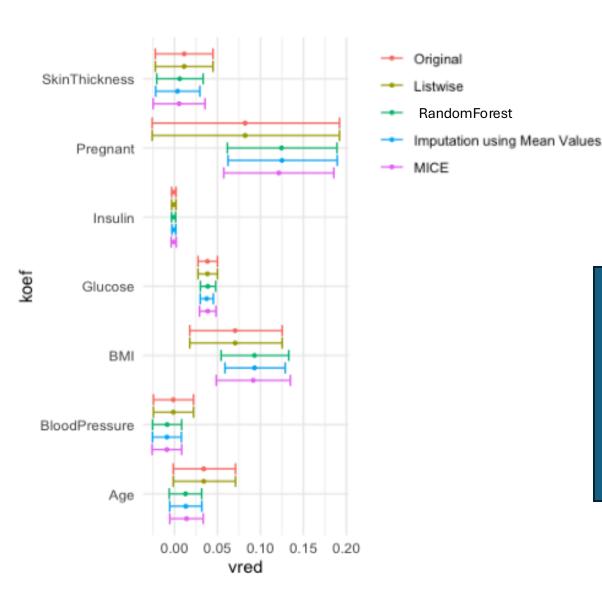
- dataset primarily used for diabetes research,
- explore factors contributing to diabetes development



Class



MISSING VALUE IMPUTATION



Based on the results of our analysis, we can divide the methods into two groups.

listwise or pairwise deletion method

RandomForest,
Imputation using Mean Values,
MICE