**CHINTALA SRAAWYA**

**16336773**

**PDS ASSIGNMENT 2**

**Loading the data**

A close-up of a white background

Description automatically generated

**Dropping the units from attributes to keep only numerical values.**

A screenshot of a computer

Description automatically generated

**Checking for null values**

A screenshot of a computer

Description automatically generated

**Replacing the null values in New\_Price (with median) and Mileage(with mean) column.**

A screenshot of a computer

Description automatically generated

**New\_Price**: I have replaced it with median value since the other data points or values of New\_Price were extreme, i.e, the data was not normally distributed. As adding mean would be more biased towards an extreme value.

**Mileage**: I have replaced it with mean value since other data points or values of Mileage were normally distribute.

**Created one hot encoded value for fuel\_type and transmission variable**

**A screenshot of a computer

Description automatically generated**

**Creating a new feature called current\_Age**

**A screenshot of a computer

Description automatically generated**