

DA Assignment-3

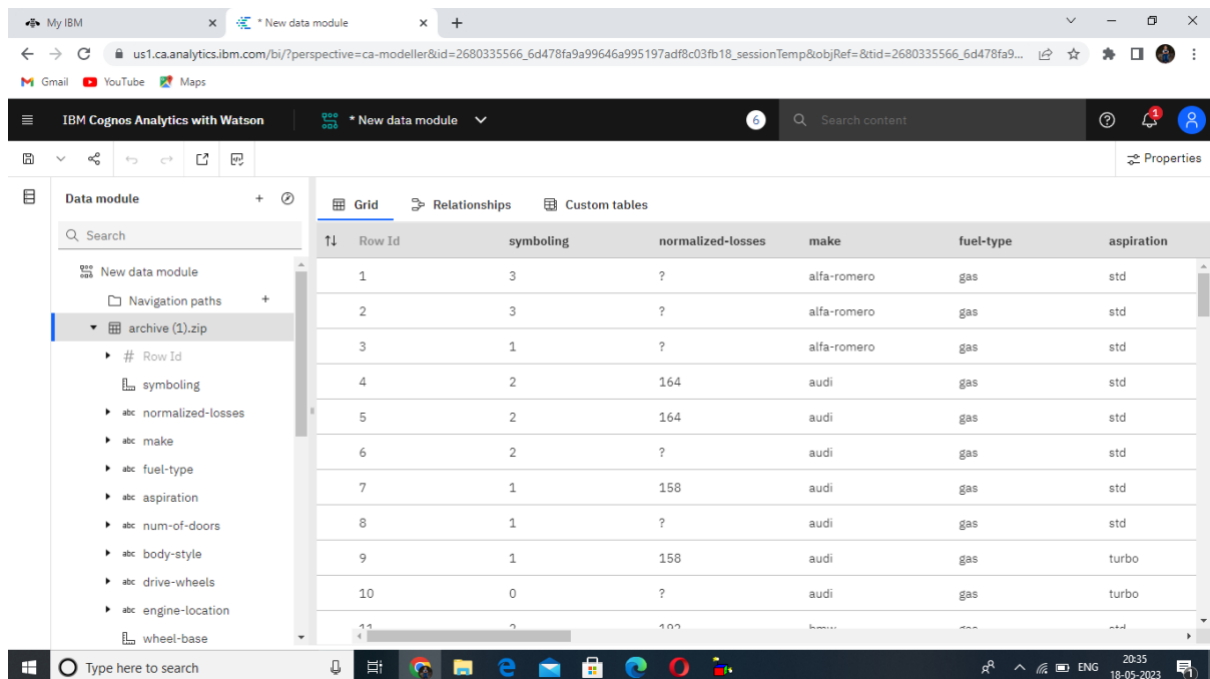
Assignment Date	12 may 2023
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Student Roll Number	420620106011
Maximum Mark	2

AutoFortune: Prediction Automobile Prices

1.Download the dataset:

<https://www.kaggle.com/datasets/toramky/automobile-dataset>

2.Load the dataset:

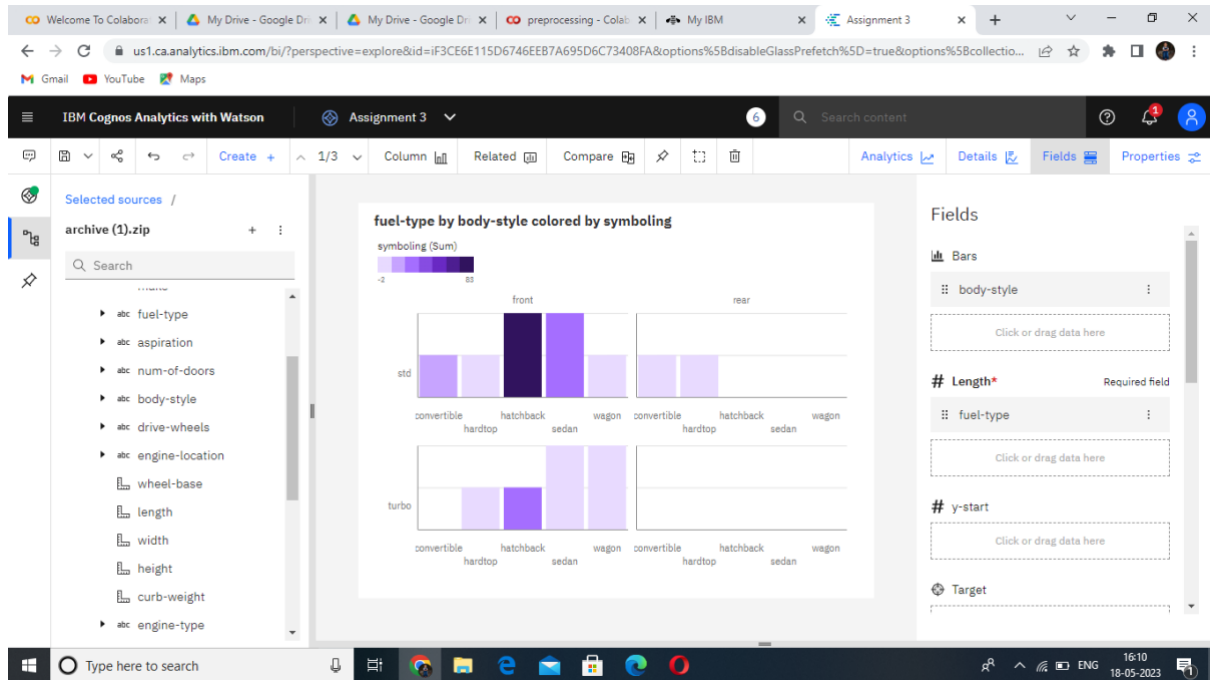


The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a list of data sources, including 'archive (1).zip'. The main area shows a table with the following columns: Row Id, symboling, normalized-losses, make, fuel-type, and aspiration. The table contains 10 rows of data.

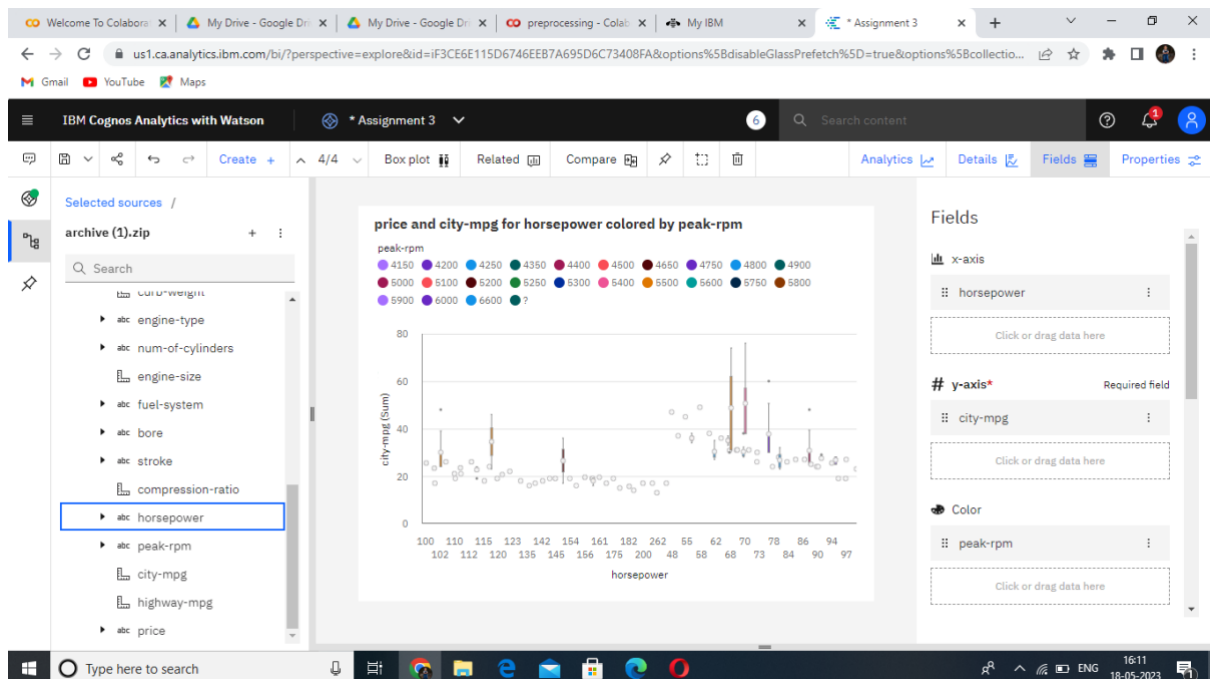
Row Id	symboling	normalized-losses	make	fuel-type	aspiration
1	3	?	alfa-romero	gas	std
2	3	?	alfa-romero	gas	std
3	1	?	alfa-romero	gas	std
4	2	164	audi	gas	std
5	2	164	audi	gas	std
6	2	?	audi	gas	std
7	1	158	audi	gas	std
8	1	?	audi	gas	std
9	1	158	audi	gas	turbo
10	0	?	audi	gas	turbo

Visualization:

Univariate analysis:



Bi-variate analysis:



Multivariate analysis:

