

L2 in-class task(quiz) discussion

Following slides were used for discussion of answers for the in-class quiz

These are **not** standard answers for the quiz questions.

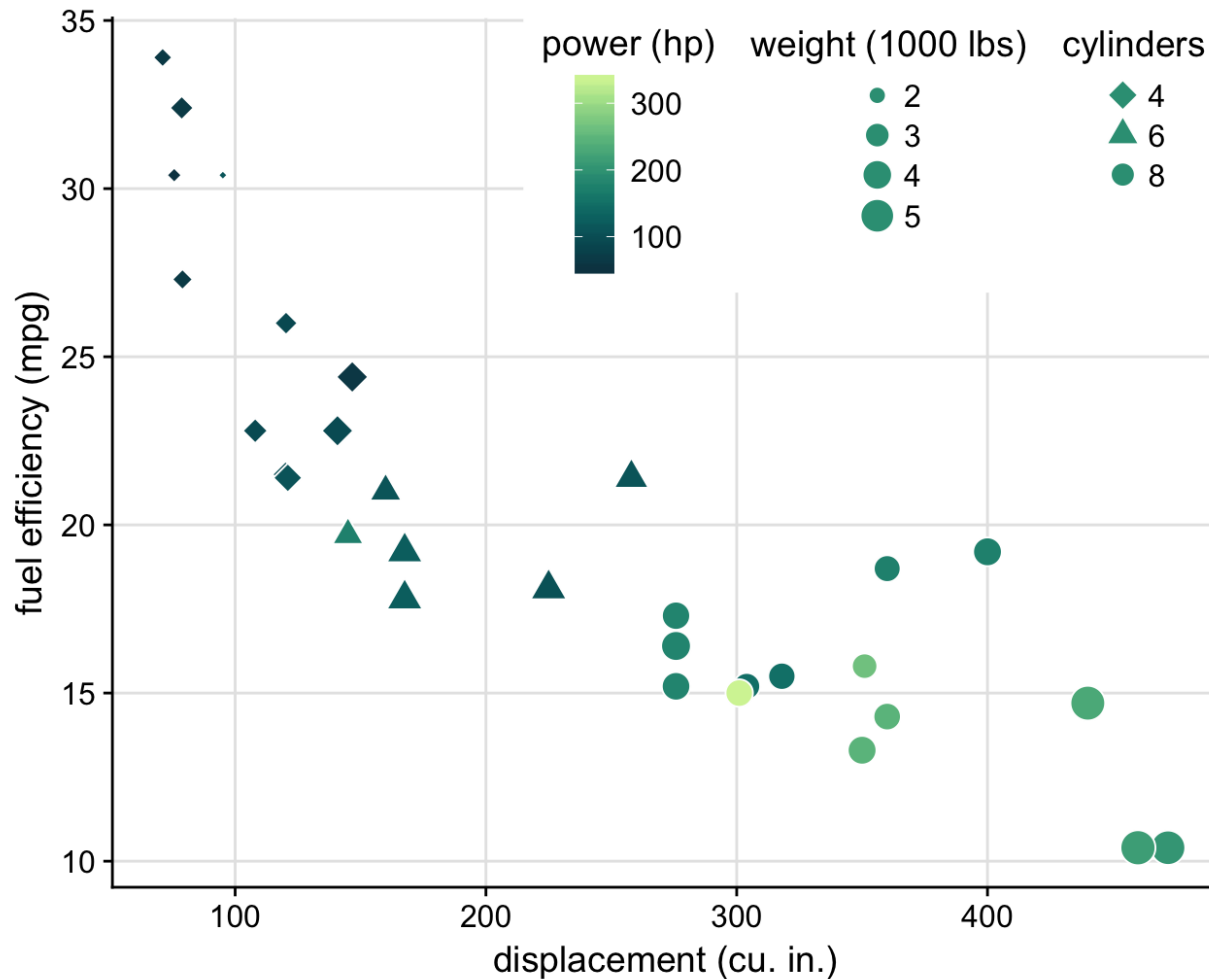
Month	Day	Location	Station ID	Temperature
Jan	1	Chicago	USW00014819	25.6
Jan	1	San Diego	USW00093107	55.2
Jan	1	Houston	USW00012918	53.9

Month	Qualitative, Ordered, Discrete	Ordinal
Day	Quantitative Discrete	Interval
Location	Qualitative, Unordered Names	Nominal/Categorical
Station	Qualitative, Unordered Names	Nominal/Categorical
Temperature	Quantitative, Continuous	Interval

A temperature reading of 0°C is not a reference point for comparison ; does not mean there is no temperature, it is a quantitative scale for measuring relative temperature. Relative difference between 5 and 10 degree is not same as that between 10 and 20

Dataset Order ↕	Sepal length ↕	Sepal width ↕	Petal length ↕	Petal width ↕	Species ↕
1	5.1	3.5	1.4	0.2	<i>I. setosa</i>
2	4.9	3.0	1.4	0.2	<i>I. setosa</i>
3	4.7	3.2	1.3	0.2	<i>I. setosa</i>
4	4.6	3.1	1.5	0.2	<i>I. setosa</i>
5	5.0	3.6	1.4	0.3	<i>I. setosa</i>
6	5.4	3.9	1.7	0.4	<i>I. setosa</i>
7	4.6	3.4	1.4	0.3	<i>I. setosa</i>
8	5.0	3.4	1.5	0.2	<i>I. setosa</i>

Dataset Order	Qualitative, Ordered, Discrete	Ordinal
Sepal and Petal Length , Width	Quantitative Continuous	Ratio
Species	Qualitative, Unordered Names	Nominal/Categorical



Displacement, fuel efficiency,
power, and weight. –
Ratio/Quantitative continuous.

Number of cylinders
either

Quantitative discrete – Interval
or

Qualitative ordered discrete – Ordinal

For more practice –

The following link is posted at TEAMS channel L2- Practice Task
(No submission required, No participation points)

- [Central Park Squirrel Census Data](#)
- <https://data.cityofnewyork.us/Environment/2018-Central-Park-Squirrel-Census-Squirrel-Data/vfnx-vebw/data>

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2018 Central Park Squirrel Census - Squirrel Data

The Squirrel Census (<https://www.thesquirrelcensus.com/>) is a multimedia science, design, and storytelling project focusing on the Eastern gray (Sciurus carolinensis). They count

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Find in this Dataset

X	Y	Unique ...	Hectare	Shift	Date	Hectare ...	Age	Primary ...	Highligh...	Combin...	Color no...	Location	Above G...	Specific ...	Running	Chasing	Climbing	Eating	Foraging	Other A...	Kuks	Quaas	Moans
-73.9561344...	40.79408238...	37F-PM-1014...	37F	PM	10142018	3				+					False	False	False	False	False		False	False	False
-73.9688574...	40.78378252...	21B-AM-1019...	21B	AM	10192018	4				+					False	False	False	False	False		False	False	False
-73.9742811...	40.77553361...	11B-PM-1014...	11B	PM	10142018	8		Gray		Gray+		Above Ground	10		False	True	False	False	False		False	False	False
-73.9596413...	40.79031288...	32E-PM-1017...	32E	PM	10172018	14	Adult	Gray		Gray+	Nothing sele...				False	False	False	True	True		False	False	False
-73.9702676...	40.77621268...	13E-AM-1017...	13E	AM	10172018	5	Adult	Gray	Cinnamon	Gray+Cinna...		Above Ground		on tree stump	False	False	False	False	True		False	False	False
-73.9683613...	40.77259088...	11H-AM-101...	11H	AM	10102018	3	Adult	Cinnamon	White	Cinnamon+...					False	False	False	False	True		False	False	False
-73.9541201...	40.79318117...	36H-AM-101...	36H	AM	10102018	2	Adult	Gray		Gray+	just outside ...	Ground Plane	FALSE		False	False	False	False	True		False	False	False