U D A C I T Y

Analyze Bay Area Bike Share Data

A part of the Data Analyst Nanodegree Program

PROJECT REVIEW
CODE REVIEW
NOTES

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Meets Specifications

Congratulations on successfully completing this project! 🎉
You did a great job here! The answers were concise and accurate!
Keep up the good work and all the best for your future projects!

Examine Pre-Existing BABS Visualizations

At least two questions are listed that can be answered with data.

All the questions listed are perfectly valid that can be answered with appropriate data. Good job coming up with those!

A thoughtful and thorough examination of at least two visualizations are provided.

At least one question from Q1 is attempted to be answered, or a logical explanation is provided as to why the question cannot be answered with the visualizations provided.

Well done examining the visualisations, sharing your insights and attempting to answer your above mentioned questions.

Conduct Your Own Analysis

Data wrangling was performed correctly, resulting in the code being correctly printed & correct count message displayed.

Good job 👍

Please note that you may also use the following lines of code to achieve the same results -

```
new_point['start_year']  = trip_date.year
new_point['start_month'] = trip_date.month
new_point['start_hour']  = trip_date.hour
new_point['weekday']     = trip_date.weekday() OR trip_date.isoweekday()
```

The correct trip duration and number of trips are listed.

Correct!

Two visualizations are created and insights clearly and coherently described.

Great job coming up with the plots and gleaning reasonable and correct insights from them.
Looking at the second plot, the company can also decide to cary out the necessary repair/maintenance works during the weekends.

- You may also display the number of trips by the day of the week based on the subscription type, eg. -

```
usage_plot(trip_data, 'weekday',["subscription_type = 'Subscriber'"])
```

- You may similarly display the plot showing the number of trips per month of the year.

Also, don't worry too much if you haven't been able to come up with complex visualizations. This intro project was only meant to give you a taste of the steps in data analysis. You will be learning details in the future courses of the Nanodegree.

One scenario where techniques of data science could be used was described, along with a potential application within that field.

That's a great idea! You may also want to check out - https://www.analyticsvidhya.com/blog/2014/08/big-data-profit-stock-market/

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