✅ **Congratulations! You passed!**

Grade	Latest Submission	To pass 80% or	**Go to next item**
received 87.50%	Grade 87.50%	higher	

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1. Facebook Prophet is a time series forecasting tool that could be used in the finance, healthcare and retail sectors? **1 / 1 point**

   ⦿ True

   ○ False

   ✅ **Correct**
   Correct! great job

2. What does the following code do ? **1 / 1 point**

   ```
   1   df = df.sort_values(by = 'Date')
   ```

   ⦿ It sorts 'df' by column 'Date' in ascending order

   ○ It sorts 'df' by column 'Date' in decending order

   ✅ **Correct**
   Correct! Good job!

3. What are the column names expected by prophet model ? **0 / 1 point**

   ○
   ```
   1   ['ds','y']
   ```

   ○
   ```
   1   ['date','target']
   ```

   ⦿
   ```
   1   ['dt','y']
   ```

   ○
   ```
   1   ['ds','tar']
   ```

   ❌ **Incorrect**
   Incorrect! Please review " TASK #6: PREPARE THE DATA TO FEED THE FBPROPHET MODEL"

4. Which of the following code, let you forecast for 60 days into the future? **1 / 1 point**

   ○
   ```
   1   m = Prophet()
   2   m.fit(avocado_df_sample)
   3   future = m.make_future_dataframe(months=2)
   4   forecast = m.predict(future)
   5   figure = m.plot_components(forecast)
   ```

   ⦿
   ```
   1   m = Prophet()
   2   m.fit(avocado_df_sample)
   3   future = m.make_future_dataframe(periods=60)
   4   forecast = m.predict(future)
   5   figure = m.plot_components(forecast)
   ```

   ✅ **Correct**
   Correct! Good Job!

5. What will this code generate? **1 / 1 point**

   ```
   1   df = pd.read_csv('COVID.csv')
   2   df.tail()
   3
   ```

   ○ Doesn't print anything

   ○ Prints the first 5 rows of the dataframe

   ⦿ Prints the last 5 rows of the dataframe

   ✅ **Correct**
   Correct! Good job!

6. Which of the following commands can be used to get the statistical information of a dataframe df ? **1 / 1 point**

   ○ df.summary()

○ df.describe()

7. Which of the following library can be used to plot interactive charts ?   `1 / 1 point`

○ numpy

○ plt

○ pandas

⦿ plotly

8. Which of the following command can be used to reset the dataframe "df" index ?   `1 / 1 point`

○ df.reset-index()

○ df.reset()

⦿ df.reset_index()