```
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                                                                                                                                                  Connect -
Q
      [ ] from google.colab import drive
           drive.mount('/content/drive')
{x}
           Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force remount=True).
[ ] import pandas as pd
           import matplotlib.pyplot as plt
           import seaborn as sns
           path="/content/drive/MyDrive/penguins/penguins.csv"
           df=pd.read csv(path)
           df.head()
           print('Dataset has', df.shape[0], 'rows and', df.shape[1], 'columns')
           df.info()
           df.describe()
           df.isnull().sum()
           Dataset has 344 rows and 7 columns
           <class 'pandas.core.frame.DataFrame'>
           RangeIndex: 344 entries, 0 to 343
<>
           Data columns (total 7 columns):
            # Column
                                 Non-Null Count Dtype
               species
                                 344 non-null
                                                object
>-
                island
                                 344 non-null
                                                object
```

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```
+ Code + Text
                                                                                                                                                 Connect ▼
=
                                                object
               island
                                 344 non-null
               bill length mm
                                 342 non-null
                                                float64
Q
               bill depth mm
                                 342 non-null
                                                float64
              flipper length_mm 342 non-null
                                                float64
               body mass g
                                 342 non-null
                                                float64
{x}
            6 sex
                                 333 non-null
                                                object
           dtypes: float64(4), object(3)
memory usage: 18.9+ KB
           species
           island
                               0
           bill length mm
           bill depth mm
           flipper length mm
           body mass g
                              11
           sex
           dtype: int64
       plt.rcParams['figure.figsize'] = (10,7)
           df['species'].value_counts(normalize = True).plot(kind = 'bar', color = 'seagreen', linewidth = 1, edgecolor = 'k')
           plt.title('Penguin Species')
           plt.xlabel('Species')
           plt.ylabel('% (100s)')
<>
           plt.xticks(rotation = 360)
plt.show()
>_
       \Box
                                                         Penguin Species
                                                                                                                     (2)
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```































































































