CC: 4.2.2: Simple Data Visualizations

Simple Data Visualizations: Question 1

1/1 point (graded)

Which `pandas` function extracts all the unique values in a `pd.Series`?

`pd.intersect`

`pd.unique`

correct

`pd.set`

`pd.only`

CC: 4.2.3: Examining Flight Speed

Examining Flight Speed: Question 1

1/1 point (graded)

Which `numpy` method returns `True` for values that are not numericals?

`np.notnum`

`np.isna`

`np.isnan`

correct

`np.is_nan`

CC: 4.2.4: Using Datetime

Using Datetime: Question 1

1/1 point (graded)

What does `datetime.datetime.strptime` do?

Takes in a date and time string, as well as an expected format string, and returns a formatted datetime object.
correct

Takes in a datetime object, and strips away elements specified in the second argument.

Using Datetime: Question 2

0/1 point (graded)

How can you find the difference in time between two `datetime` objects `time_1` and `time_2`?

`time_2 - time_1`
correct

`datetime.diff(time_1, time_2)`

`time_1.diff(time_2)`

CC: 4.2.5: Calculating Daily Mean Speed

Calculating Daily Mean Speed: Question 1

1/1 point (graded)

Read in the `bird_tracking.csv` data (provided along with Video 4.2.1) and take a look at Sanne's flight times.

Which is the earliest recorded timestamp in the dataset for Sanne?

`2013-08-15 00:20:45`

`2013-08-15 00:01:08`
correct

`2013-08-15 00:03:25`

`2013-08-15 00:18:08`

CC: 4.2.6: Using the Cartopy Library

Using the Cartopy Library: Question 1

1/1 point (graded)
Looking at the `cartopy` plot from Video 4.2.6, do the birds in this dataset prefer to fly over land, sea, or the coast when migrating?

Land

Sea

The coast
correct