**Using DASK to Create Multiple Files in Parallel**

The command to install the DASK library was run in a Terminal window using:

**pip install dask**

A screenshot of a computer screen

Description automatically generated

The **Activity 22\_1.py** file was downloaded and opened using VS Code.

A screenshot of a computer program

Description automatically generated

In the **Activity 22\_1.py** file, a dataframe with two columns was created using the pandas DataFrame function. The first column, **odd\_num**, was filled with all the odd numbers between 1 and 10. The second column, **even\_num**, was filled with all the even numbers between 1 and 10. This dataframe was assigned to the **pandas\_df** variable.

A screen shot of a computer code

Description automatically generated

The **npartitions** argument inside the **from\_pandas** function was set to 2 in the **Activity 22\_1.py** file.

A black screen with white text

Description automatically generated

The code was run and debugged in VS Code.

A screenshot of a computer program

Description automatically generated

The **activity22.1** folder was navigated to in a Terminal window. The files inside the **activity22.1** folder were listed.

A screenshot of a computer

Description automatically generated

The **cat** command was used in a Terminal window to visualize the contents of the **0.part** and **1.part** files.

Two screenshots were provided. The first screenshot showed the contents of the **0.part** file, and the second screenshot displayed the contents of the **1.part** file.

A screenshot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated