Python Scraping Exercise

Exercise 2 – Web Scraping

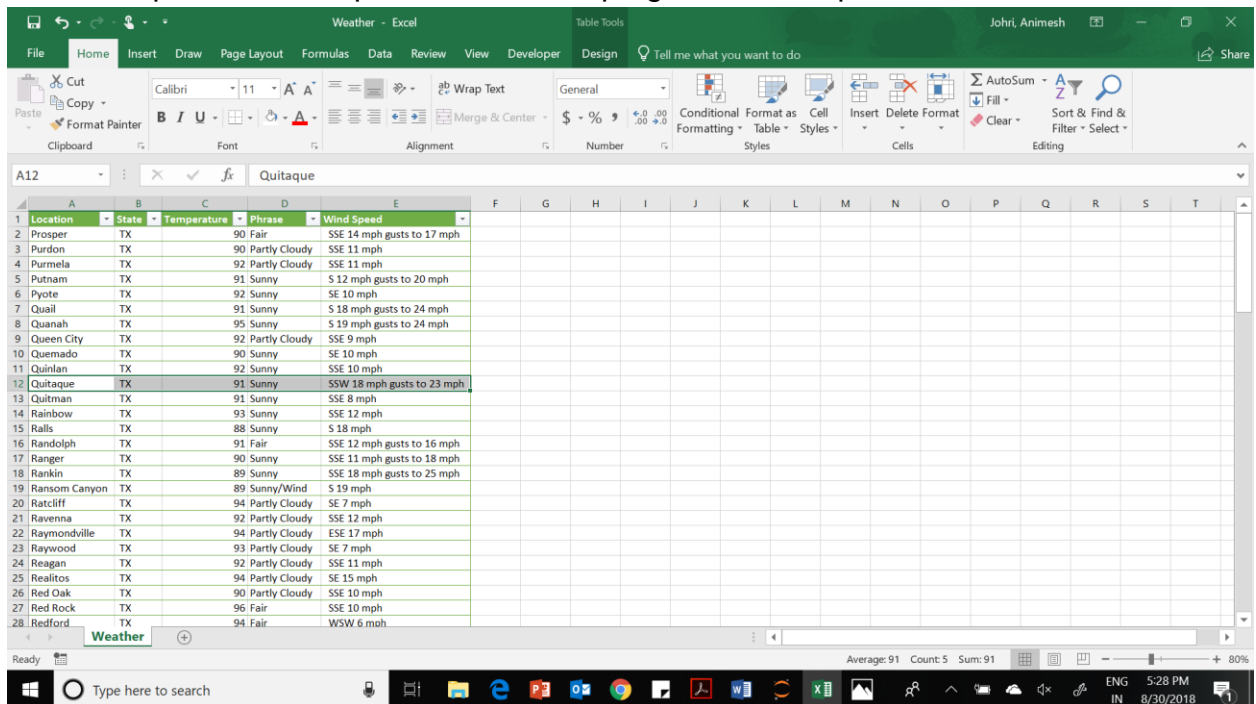**Student Name:** Animesh Johri   **Student Id:** 2021292753
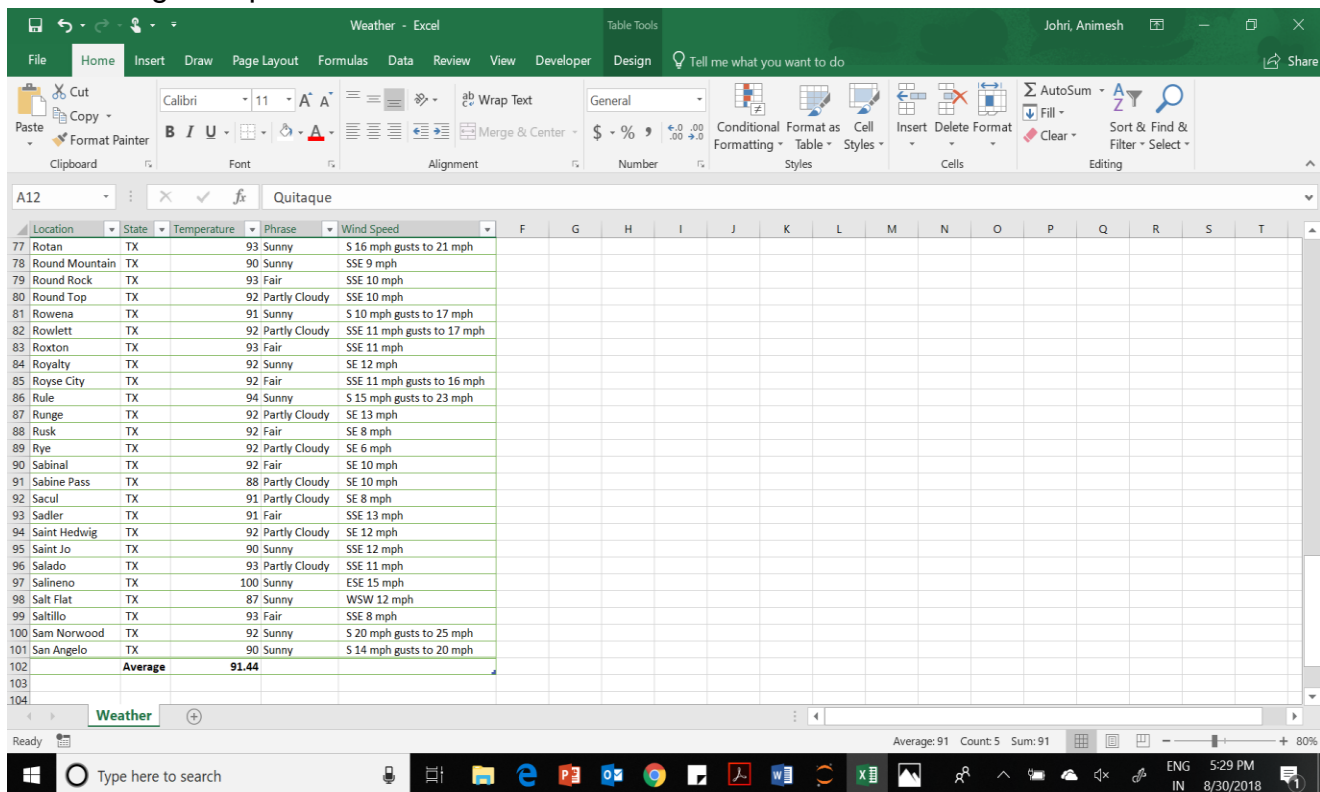
Date: 08/31/2018

Screenhsot of the CSV file:

1. The windspeed in Quitaque is "SSW 18 mph gusts to 23 mph".

Location	State	Temperature	Phrase	Wind Speed
Prosper	TX	90	Fair	SSE 14 mph gusts to 17 mph
Purdon	TX	90	Partly Cloudy	SSE 11 mph
Purmela	TX	92	Partly Cloudy	SSE 11 mph
Putnam	TX	91	Sunny	S 12 mph gusts to 20 mph
Pyote	TX	92	Sunny	SE 10 mph
Quail	TX	91	Sunny	S 18 mph gusts to 24 mph
Quanah	TX	95	Sunny	S 19 mph gusts to 24 mph
Queen City	TX	92	Partly Cloudy	SSE 9 mph
Quemado	TX	90	Sunny	SE 10 mph
Quinlan	TX	92	Sunny	SSE 10 mph
Quitaque	TX	91	Sunny	SSW 18 mph gusts to 23 mph
Quitman	TX	91	Sunny	SSE 8 mph
Rainbow	TX	93	Sunny	SSE 12 mph
Ralls	TX	88	Sunny	S 18 mph
Randolph	TX	91	Fair	SSE 12 mph gusts to 16 mph
Ranger	TX	90	Sunny	SSE 11 mph gusts to 18 mph
Rankin	TX	89	Sunny	SSE 18 mph gusts to 25 mph
Ransom Canyon	TX	89	Sunny/Wind	S 19 mph
Ratcliff	TX	94	Partly Cloudy	SE 7 mph
Ravenna	TX	92	Partly Cloudy	SSE 12 mph
Raymondville	TX	94	Partly Cloudy	ESE 17 mph
Raywood	TX	93	Partly Cloudy	SE 7 mph
Reagan	TX	92	Partly Cloudy	SSE 11 mph
Realitos	TX	94	Partly Cloudy	SE 15 mph
Red Oak	TX	90	Partly Cloudy	SSE 10 mph
Red Rock	TX	96	Fair	SSE 10 mph
Redford	TX	94	Fair	WSW 6 mph

2. The average temperature in Texas is 91.44F

Location	State	Temperature	Phrase	Wind Speed
Rotan	TX	93	Sunny	S 16 mph gusts to 21 mph
Round Mountain	TX	90	Sunny	SSE 9 mph
Round Rock	TX	93	Fair	SSE 10 mph
Round Top	TX	92	Partly Cloudy	SSE 10 mph
Rowena	TX	91	Sunny	S 10 mph gusts to 17 mph
Rowlett	TX	92	Partly Cloudy	SSE 11 mph gusts to 17 mph
Roxton	TX	93	Fair	SSE 11 mph
Royalty	TX	92	Sunny	SE 12 mph
Royse City	TX	92	Fair	SSE 11 mph gusts to 16 mph
Rule	TX	94	Sunny	S 15 mph gusts to 23 mph
Runge	TX	92	Partly Cloudy	SE 13 mph
Rusk	TX	92	Fair	SE 8 mph
Rye	TX	92	Partly Cloudy	SE 6 mph
Sabinal	TX	92	Fair	SE 10 mph
Sabine Pass	TX	88	Partly Cloudy	SE 10 mph
Sacul	TX	91	Partly Cloudy	SE 8 mph
Sadler	TX	91	Fair	SSE 13 mph
Saint Hedwig	TX	92	Partly Cloudy	SE 12 mph
Saint Jo	TX	90	Sunny	SSE 12 mph
Salado	TX	93	Partly Cloudy	SSE 11 mph
Salineno	TX	100	Sunny	ESE 15 mph
Salt Flat	TX	87	Sunny	WSW 12 mph
Saltillo	TX	93	Fair	SSE 8 mph
Sam Norwood	TX	92	Sunny	S 20 mph gusts to 25 mph
San Angelo	TX	90	Sunny	S 14 mph gusts to 20 mph
	Average	91.44		

3. The top 5 Locations with highest temperatures are as follows:

Location	Temperature(F)
Salineno	100
Rio Grande City	97
Roma	97
Red Rock	96
Quanah	95

4. A line chart with two data series:
   - Average temperature
   - Temperatures of the locations mentioned in the Excel file.