The data file contains the number of surveys conducted in different years in different states. Each survey reports the percentage of cigarette users among those who participated in the survey.

Step 1 [30]: Read file and display the number of rows in the data.

Step 2 [30]: Find and display the average number of surveys conducted per state.

Step 3 [30]: Among the surveys in the data-set, display the minimum and maximum smoking rate.

Step 4 [30]: Find average smoker rate per state and display the states with minimum and maximum average.

Step 5 [40]: Same as Step 4 but display the top 10 states instead of min and max.

Step 6 [40]: Get state and year from the user and display the surveys for that state for that year.

Step 7 [50]: Get state from user as input (using input()) and display the average smoker rate year by year. By looking at the most recent 2 years, display if the cigarette use is on decline or rise.

Step 1 ===== # of Surveys: 3519 Step 2 ===== # of States : 51 Average # of Surveys per State: 69.0 Step 3 ===== Minimum Recorded Cigarette Use: 2015 Year State RΙ 0.2 Value Name: 0, dtype: object Maximum Recorded Cigarette Use: Year 2003 SD State 62.3 Value Name: 3518, dtype: object Step 4 ===== Least Cigarette Use State:

CA 5.992857142857143

Most Cigarette Use State: SD 30.221153846153843

Step 5 =====

Top 10 Most Cigarette Use States:

	_	
	Year	Value
State		
SD	2004.076923	30.221154
MT	2006.000000	25.753947
OH	2003.829268	24.541463
AR	2006.967742	23.433871
AL	2004.285714	22.815714
MO	2006.034483	22.193103
US	2005.559322	21.502542
OK	2009.965517	20.953448
WI	2006.333333	20.590476
MS	2004.740260	20.545455

Try to match the screenshots displayed here as much as possible. (-50 penalty)

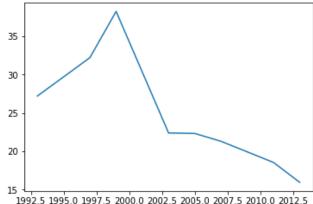
Step 6 =====

State:CA

Enter Year: 2017 Found 7 surveys: Year State Value 45 2017 CA 1.6 60 2017 CA 1.8 362 2017 CA 4.6 454 2017 CA 5.4 496 2017 CA 5.7 520 2017 CA 5.9 577 2017 CA 6.4

Step 7 ======

Enter State: OH



Cigarette use is on decline in OH .

Compute for another state or enter 'Exit' to exit.

Enter State:SA

hmmm... cannot find that state.

Compute for another state or enter 'Exit' to exit.

Enter State:Exit Bye bye!