Assignmnet-Pandas

1. **Import pandas and read the** *population_india_census2011.csv* **file into a dataframe called pop.(**Hint: Choose encoding as *'unicode_escape'* while reading the file**)**

2. **Show the head of the dataframe: a. Default, b. First 10 states.**

3. **What are the column names?**

4. **How many '*State/Union Territory'* are represented in this data set?**

5. **Get a list or array of all the '*State/Union Territory'* in the data set**

6. **Which region has maximum '*State/Union Territory'*?**

7. **Which state/UT is having maximum population?**

8. **What is most populated region?**

9. **How many states/UT have gender ratio greater than 900?**

10. **How many states have the word "Pradesh" in their name?**

11. **Add a column that calculates the density of population in each state/UT**

12. **Which States have the highest percentage of rural population?**

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