Name: Rohan Vinayak Chaudhari

Batch: Data Engineering

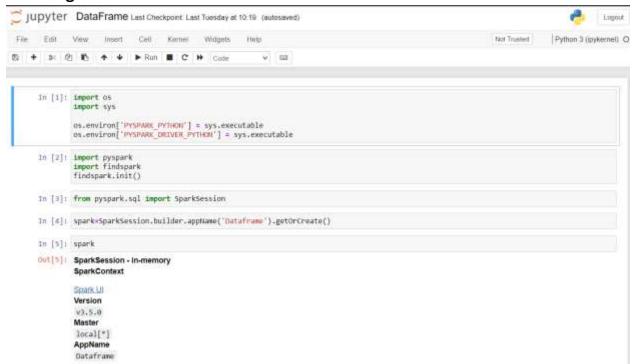
Date:09/02/2024

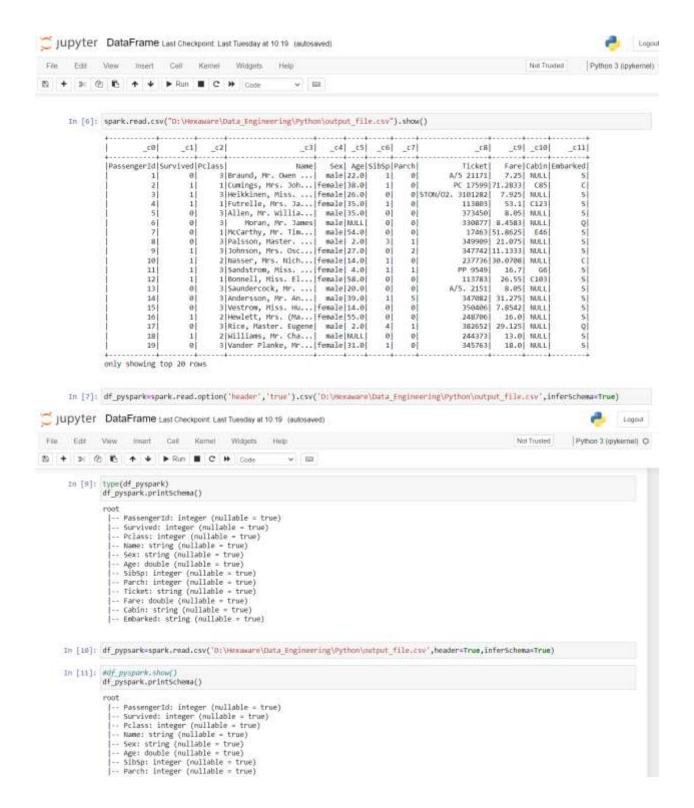
Topic: Pyspark

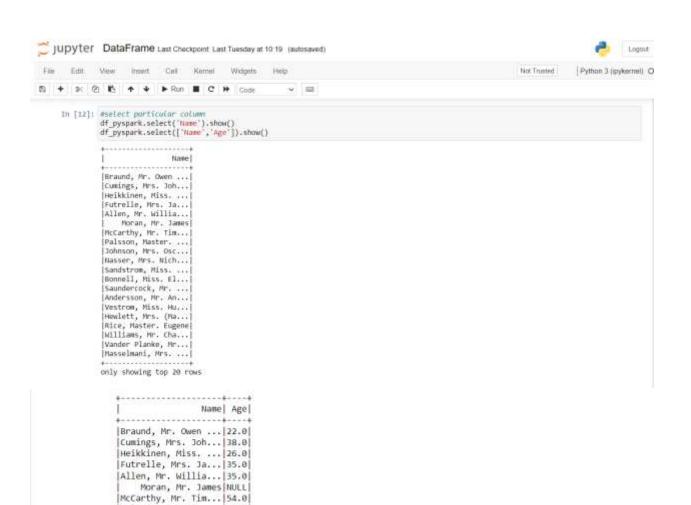
Solution:

1.Pyspark:

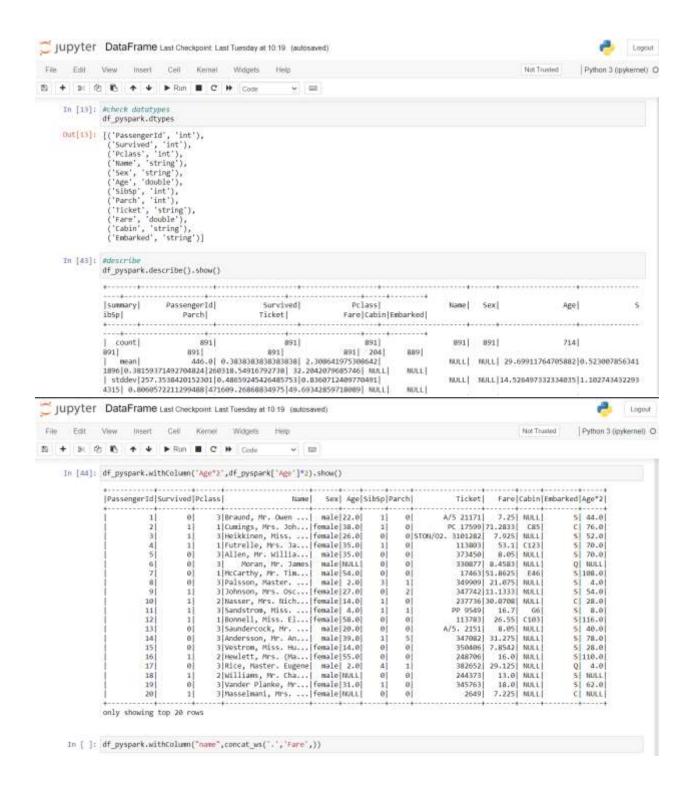
Creating session:

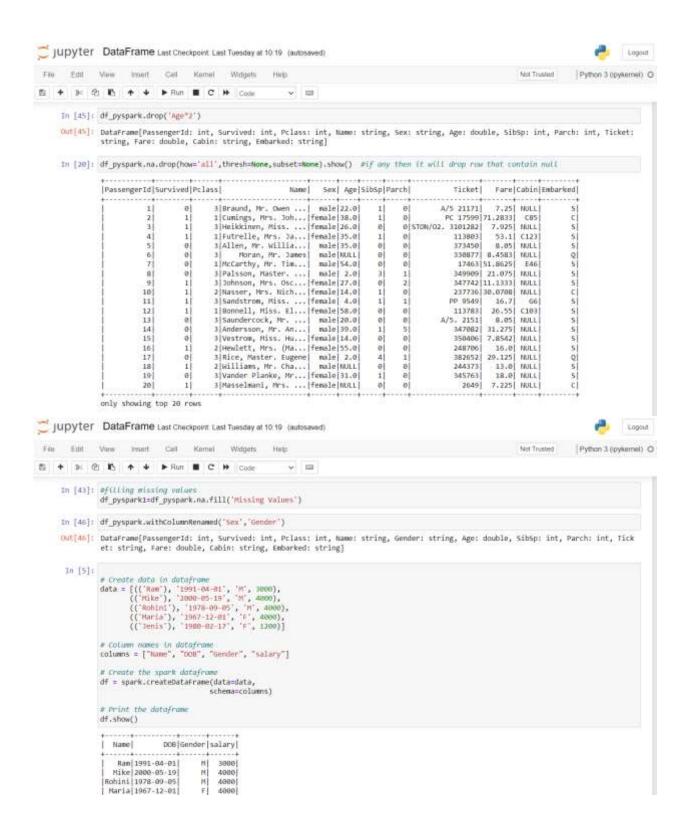


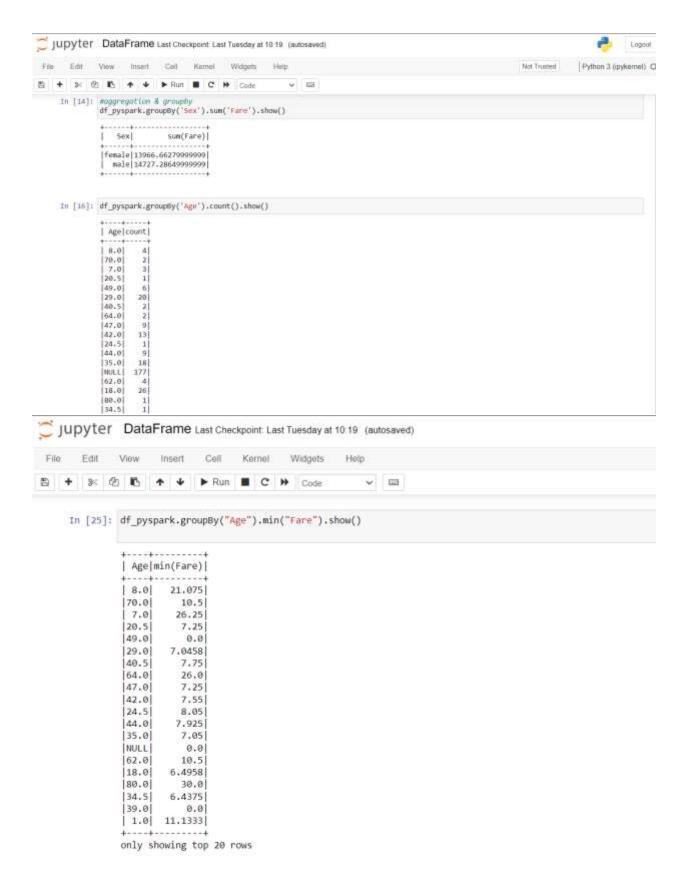


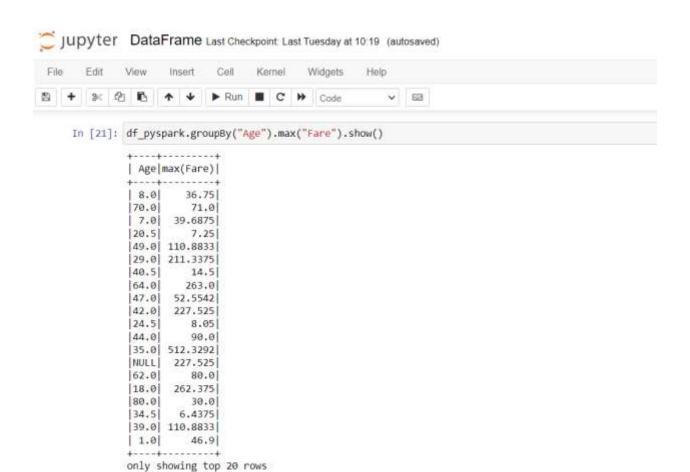


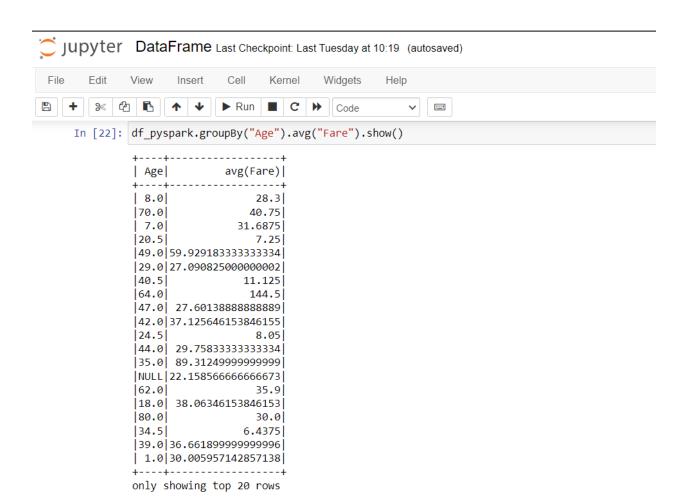
| Palsson, Master. ... | 2.0 | Johnson, Mrs. Osc... | 27.0 | Nasser, Mrs. Nich... | 14.0 | Sandstrom, Miss. ... | 4.0 | Bonnell, Miss. El... | 58.0 | Saundercock, Mr. ... | 20.0 | Andersson, Mr. An... | 39.0 | Vestrom, Miss. Hu... | 14.0 | Hewlett, Mrs. (Ma... | 55.0 | Rice, Master. Eugene | 2.0 | Williams, Mr. Cha... | NULL | Vander Planke, Mr... | 31.0 | Masselmani, Mrs. ... | NULL | tonly showing top 20 rows



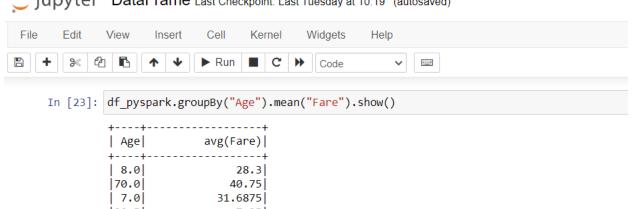








Jupyter DataFrame Last Checkpoint: Last Tuesday at 10:19 (autosaved)



7.25 20.5 49.0 59.929183333333334 29.0 27.0908250000000002 40.5 11.125 64.0 144.5 47.0 27.60138888888889 42.0 37.125646153846155 24.5 44.0 29.75833333333334 |NULL|22.158566666666673| 62.0 35.9 |18.0| 38.06346153846153| 80.0 30.0 34.5 6.4375 39.0 36.661899999999996 1.0 30.005957142857138 +---+

only showing top 20 rows

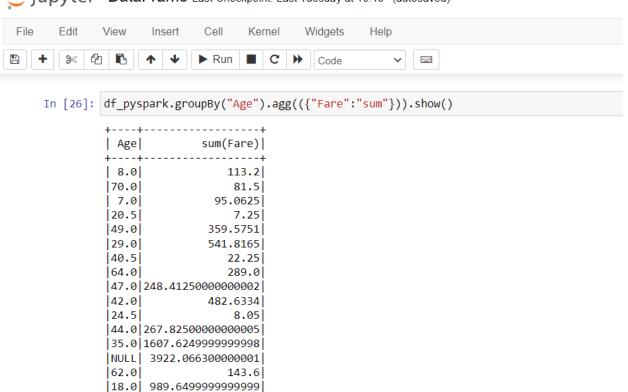
Jupyter DataFrame Last Checkpoint: Last Tuesday at 10:19 (autosaved)

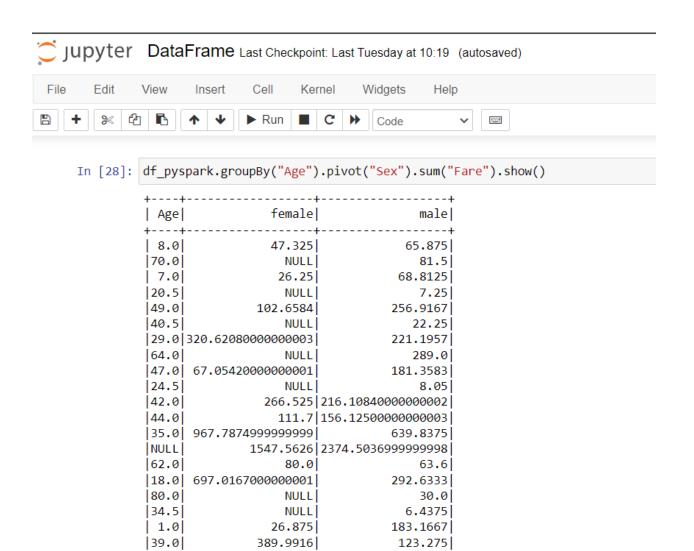
30.0 6.4375

80.0

34.5

|39.0| 513.26659999999999| |1.0|210.04169999999996| +---+ only showing top 20 rows





+---+-----+

only showing top 20 rows

