**Coding Assessment Spark**

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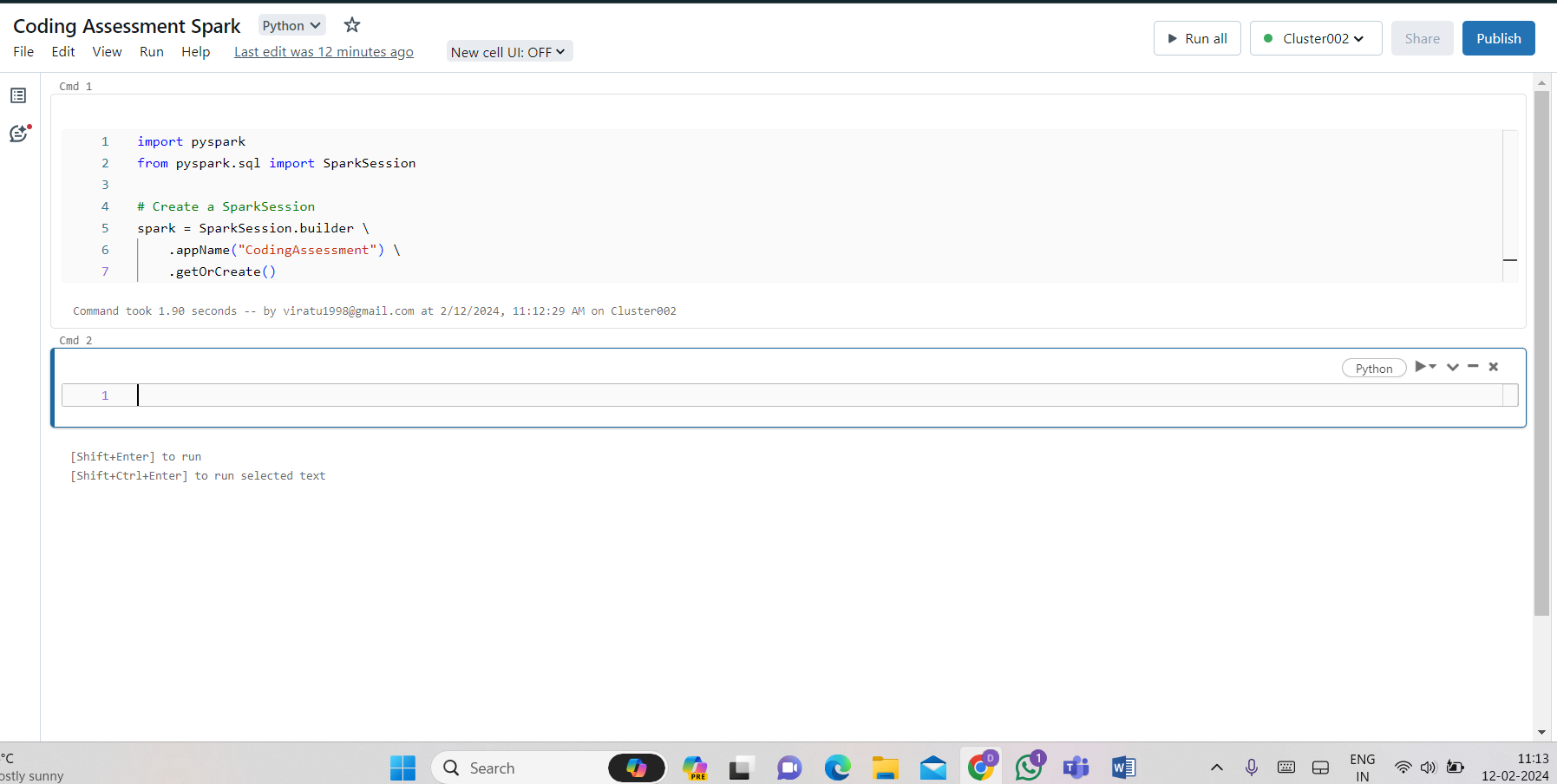
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DATE: 12-02-2024

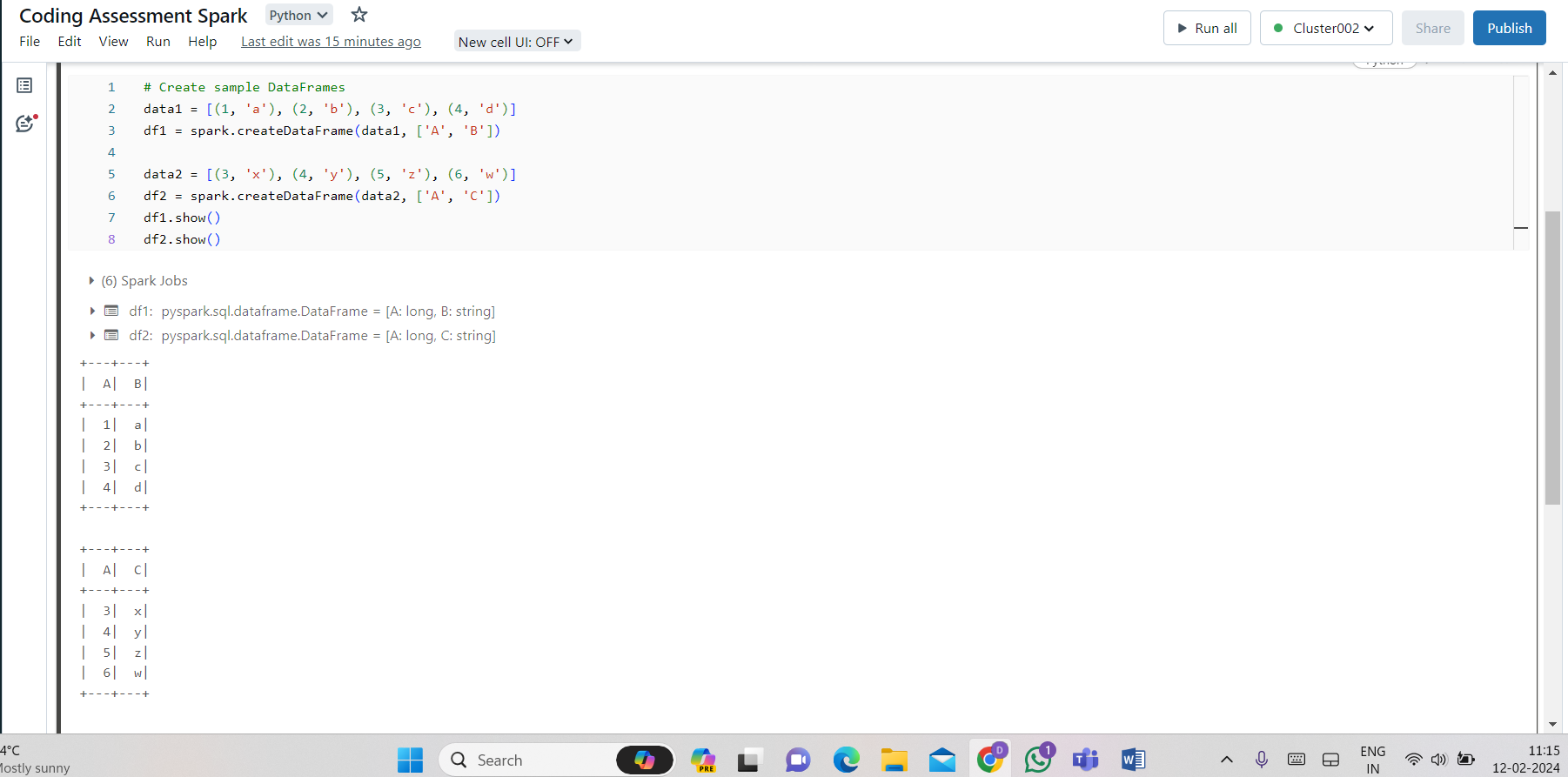
Question number 1

**1.Execute Manipulating, Droping, Sorting, Aggregations, Joining, GroupeBy DataFrames**

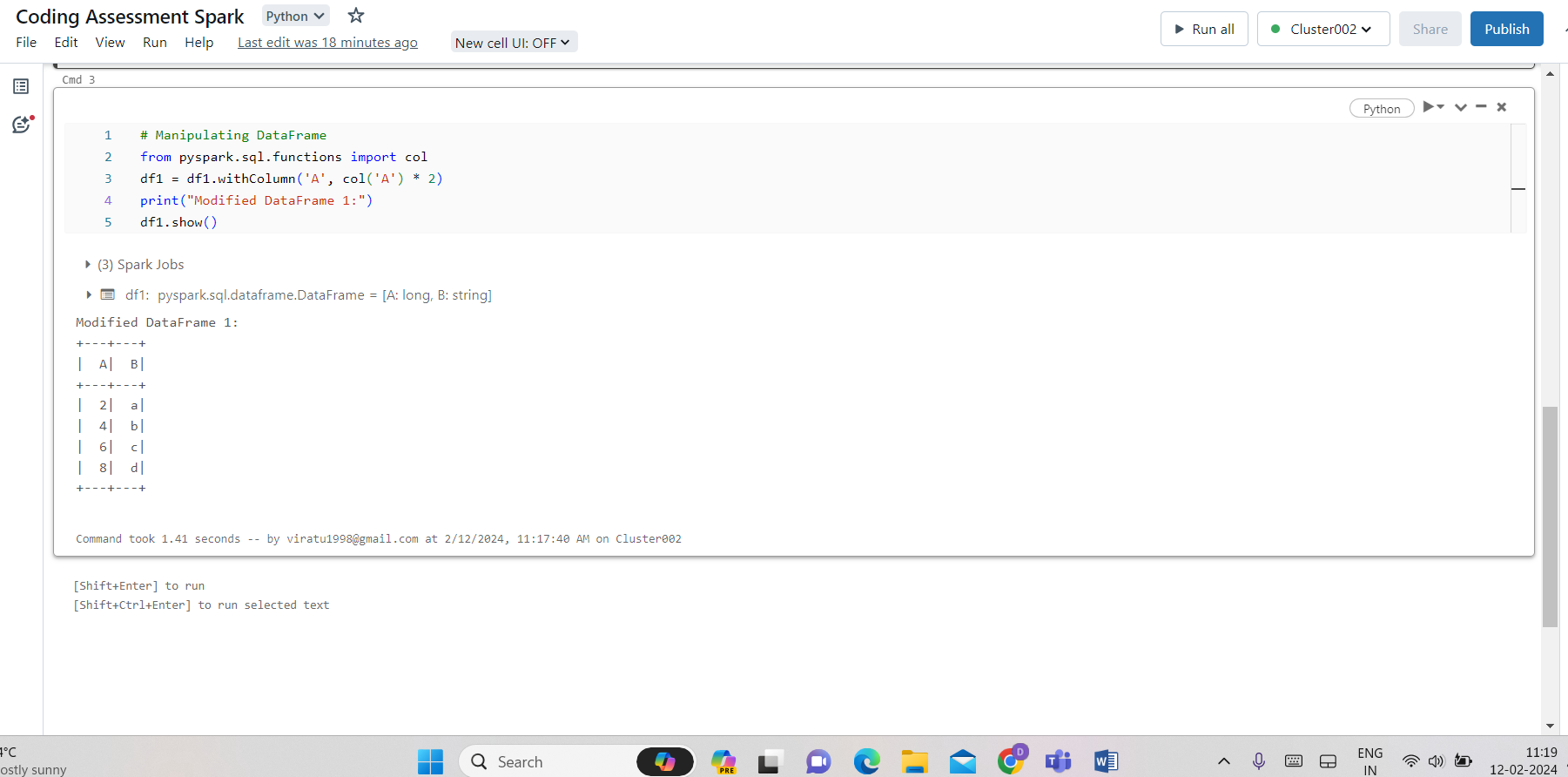
First we import SparkSessions as shown in below



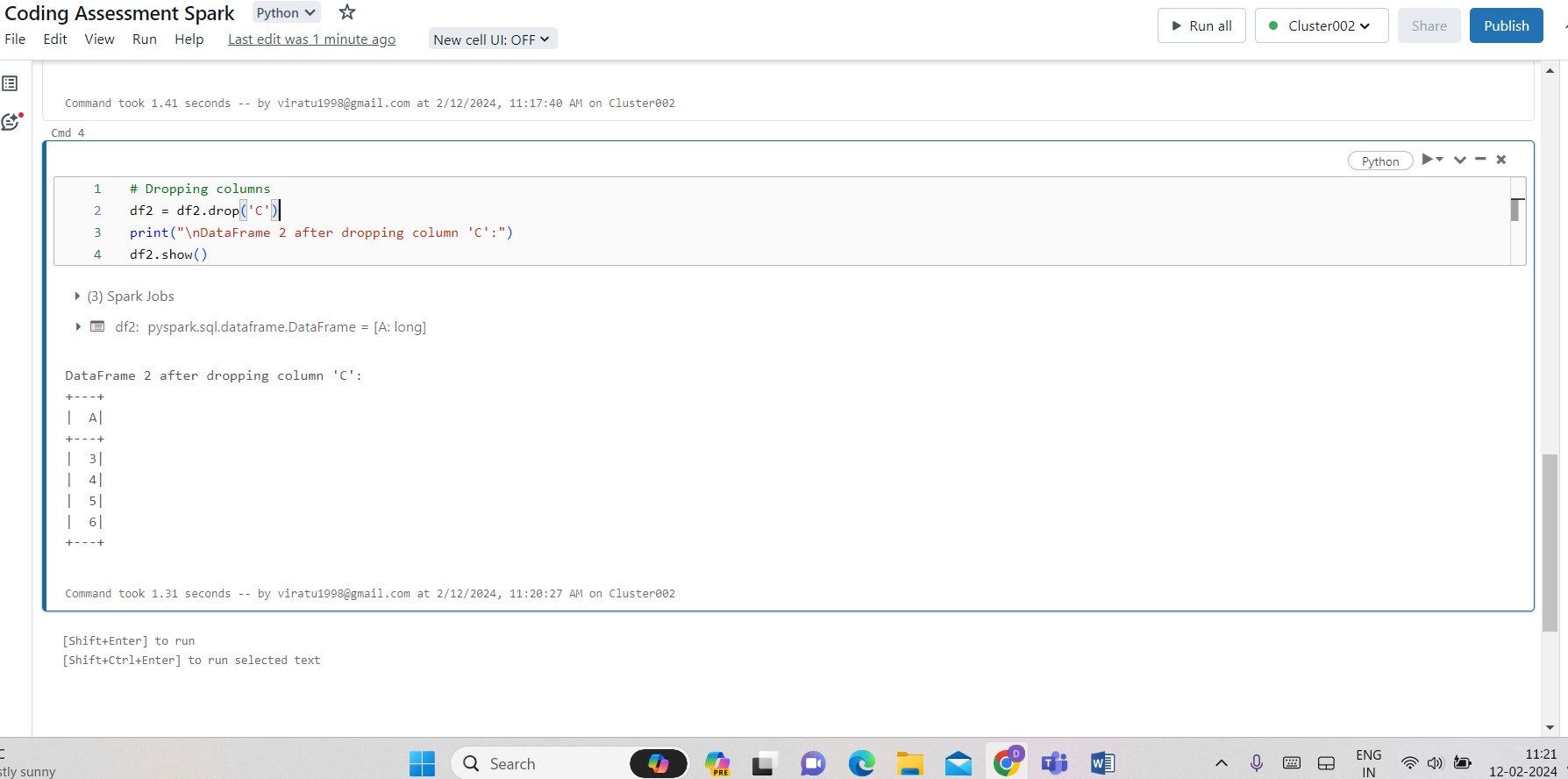
Create sample DataFrames and show the data in it



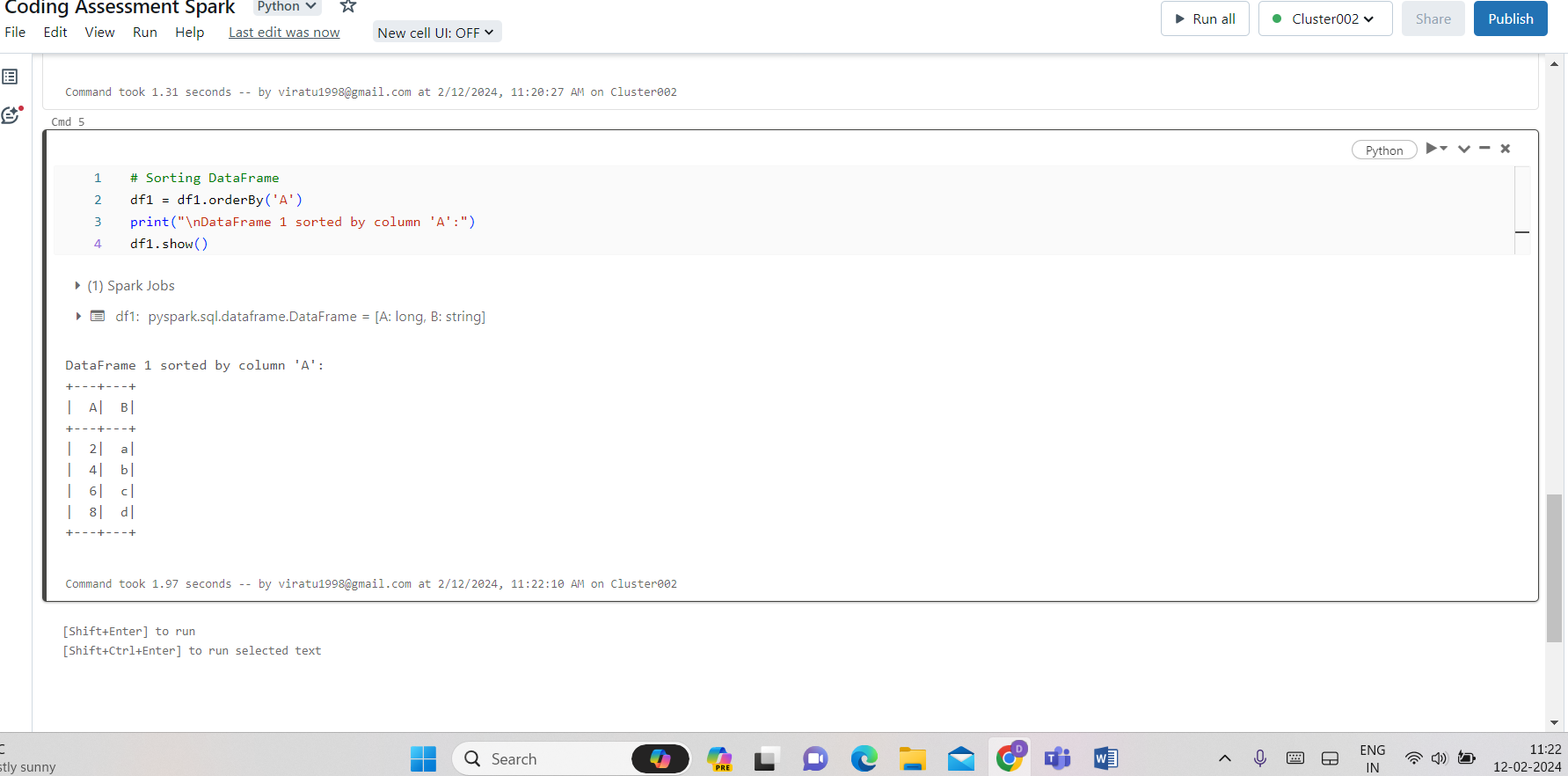
Manipulating DataFrame:



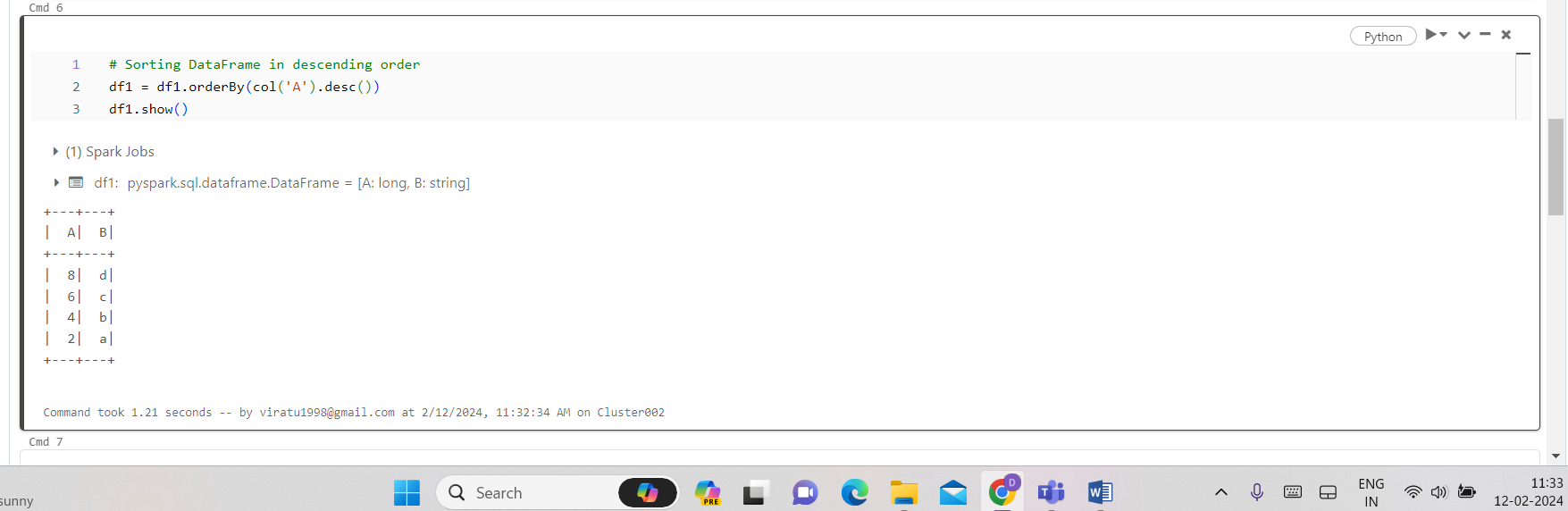
Dropping columns:



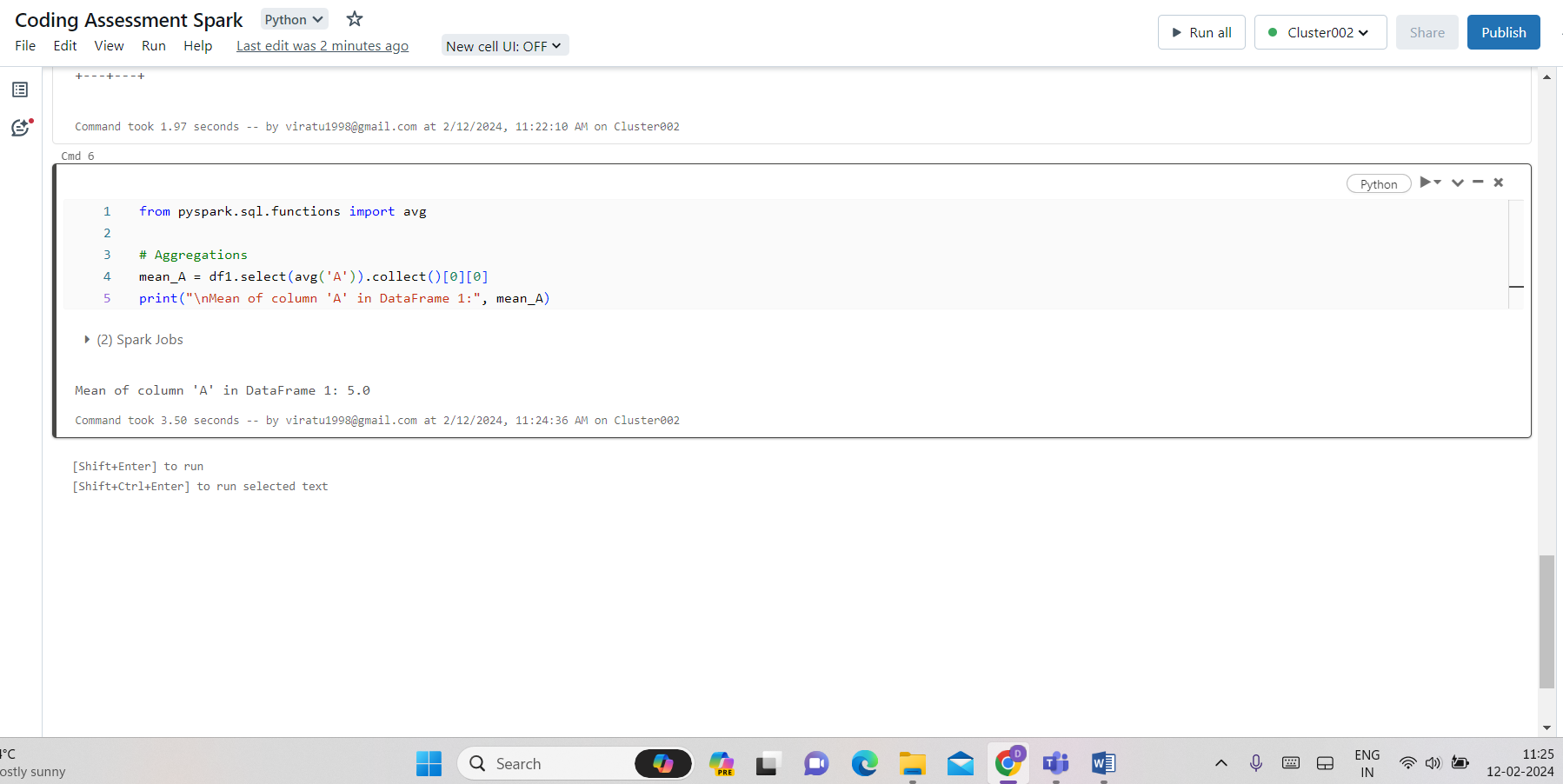
Sorting:



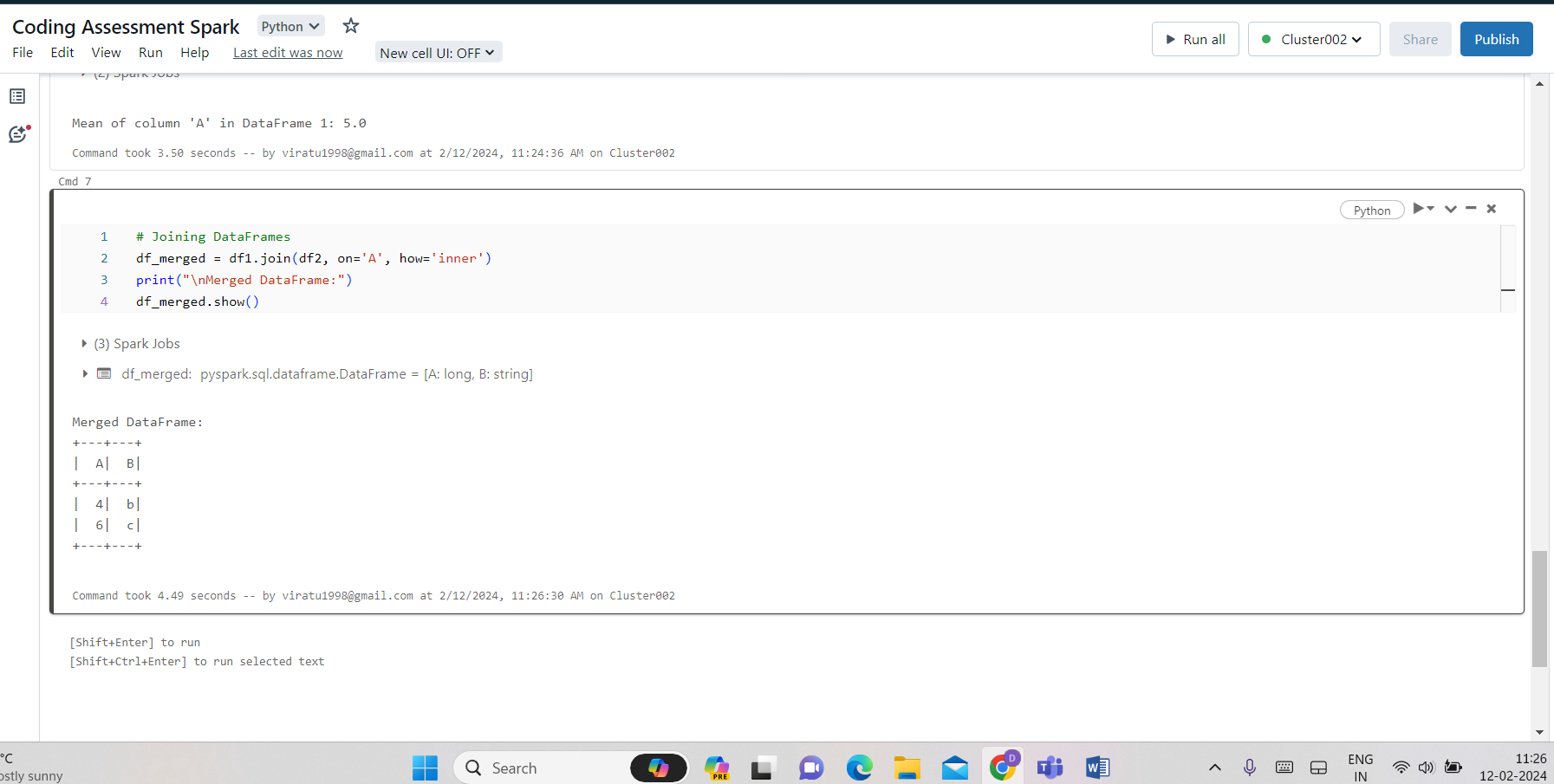
Sorting DataFrame in descending order:



Aggregations Avg or mean:



Joining DataFrames:



Grouping by DataFrame:

