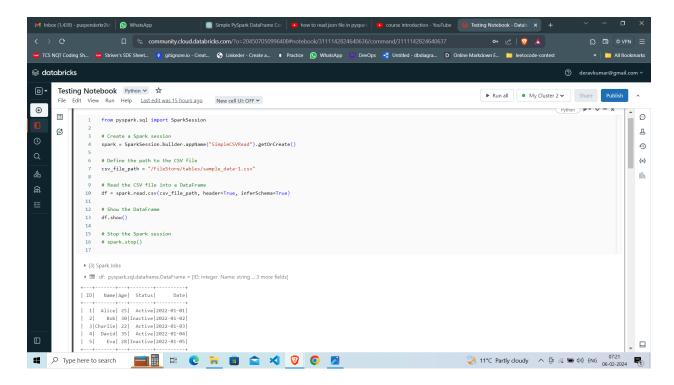
## **Basic Pyspark Program**



## **RDD's and Transformation in Pyspark**

In PySpark, Resilient Distributed Datasets (RDDs) are the fundamental data structures used to perform distributed data processing. RDDs represent a distributed collection of immutable objects, and they can be processed in parallel across a cluster of machines. RDDs provide fault tolerance by automatically recovering lost data partitions due to node failures.

Transformations in PySpark are operations performed on RDDs to create a new RDD. Transformations are typically executed lazily, meaning the computation is not immediately performed when the transformation is called. Instead, transformations are only evaluated when an action is executed.

## Transformation of data with Pyspark RDD's

