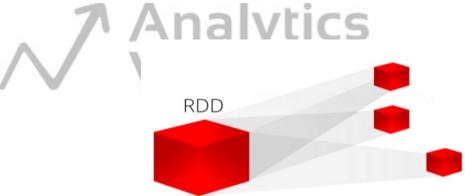
What are RDDs?



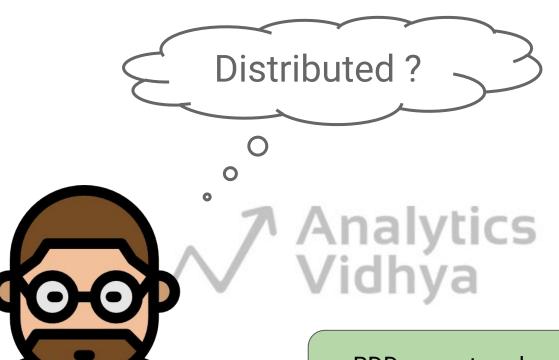
What are RDDs?

RDDs (Resilient Distributed Dataset) is the Spark's main abstraction and has the following features:

- Distributed
- Immutable
- Resilient

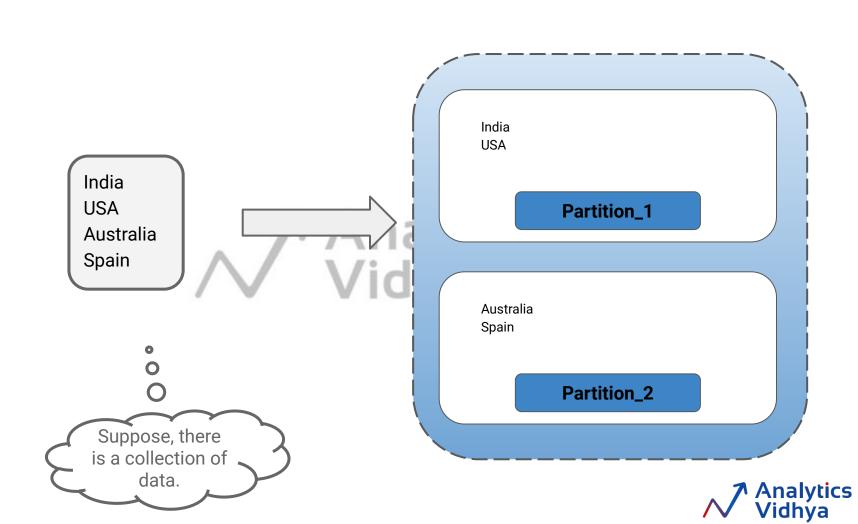


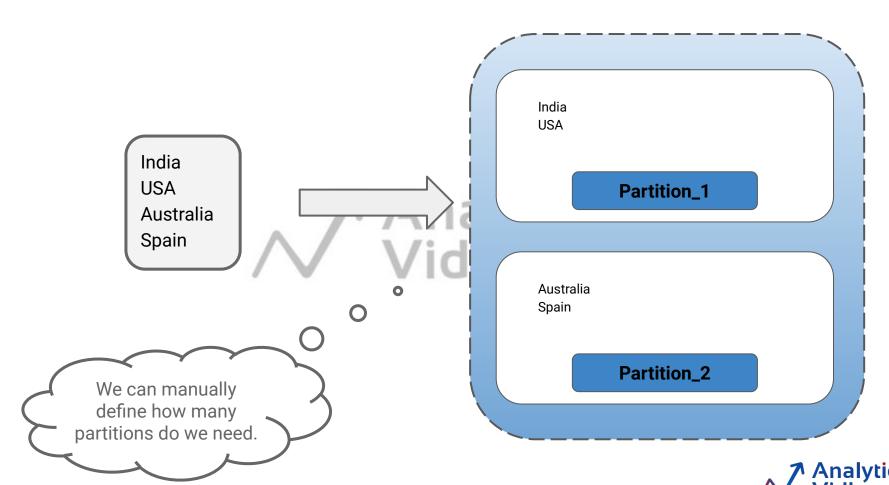




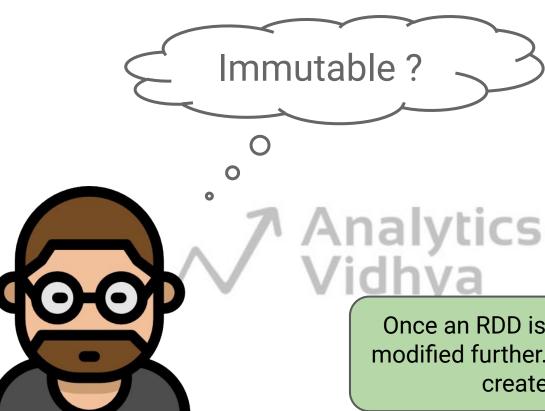
RDDs are stored and processed on different nodes in the Spark cluster.





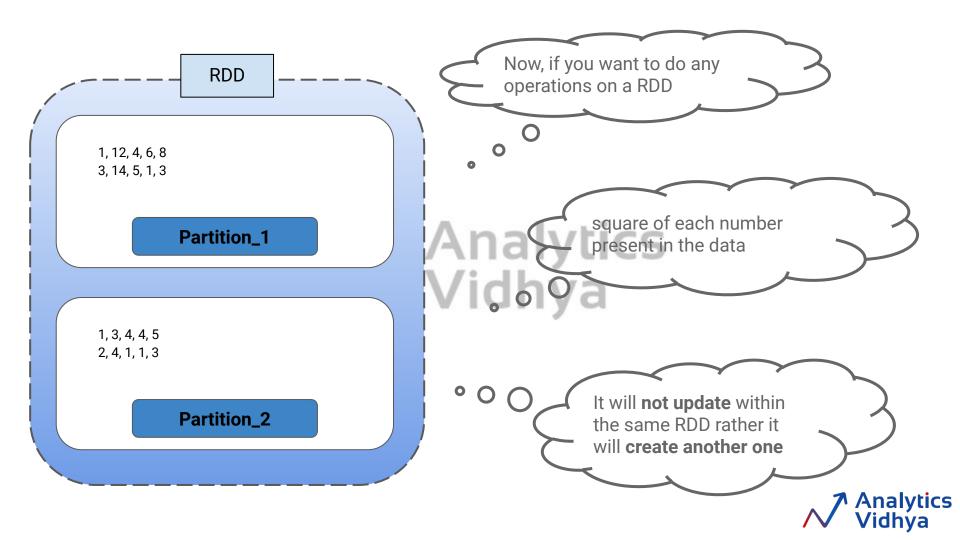


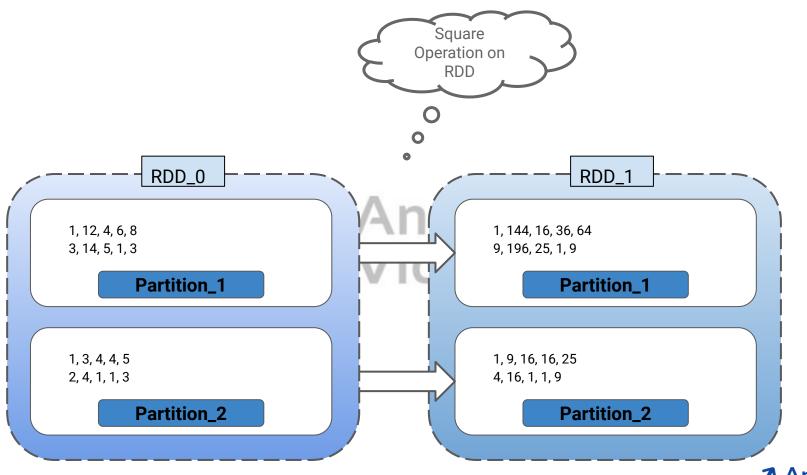




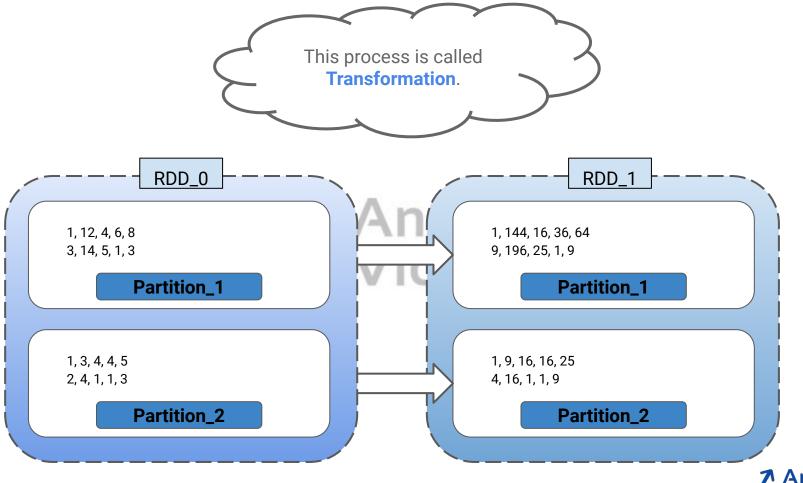
Once an RDD is created, it cannot be modified further. It can only be used to create a new RDD



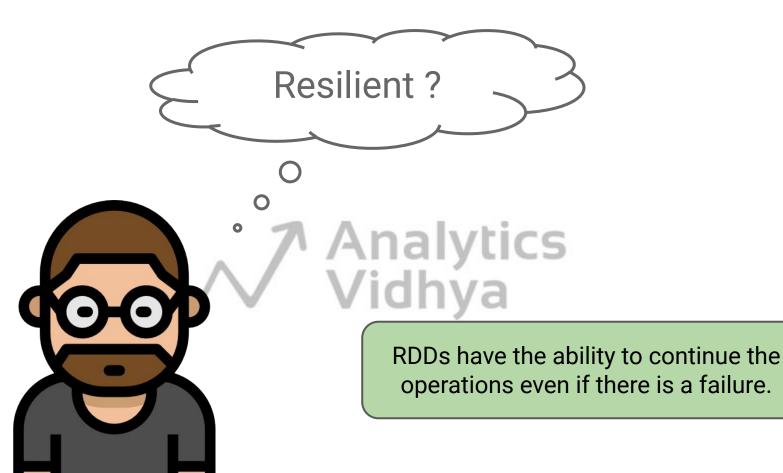














Let us Assume?

We have to build the following operations on a list of numbers.

