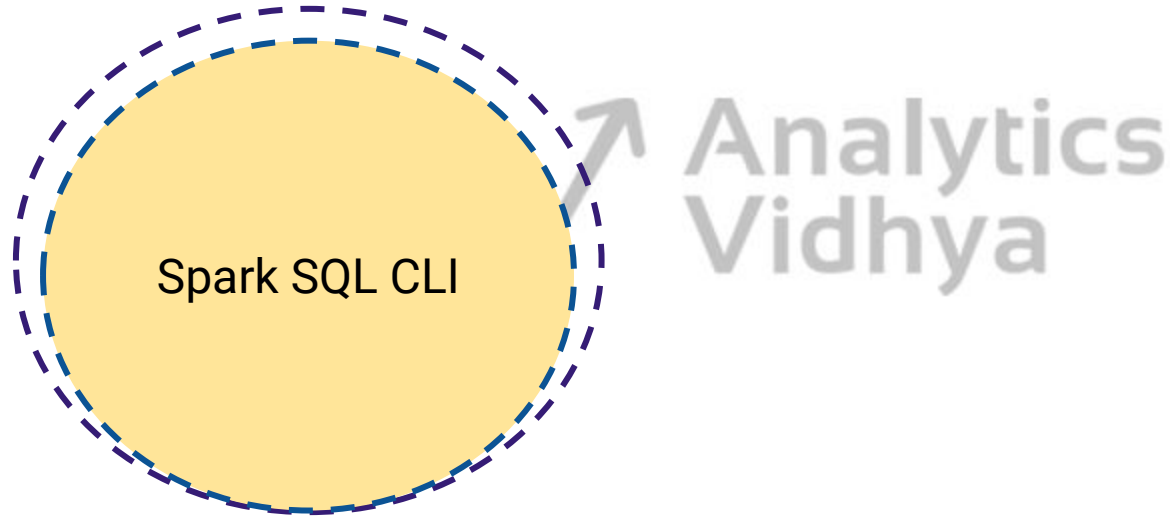


Spark SQL Queries

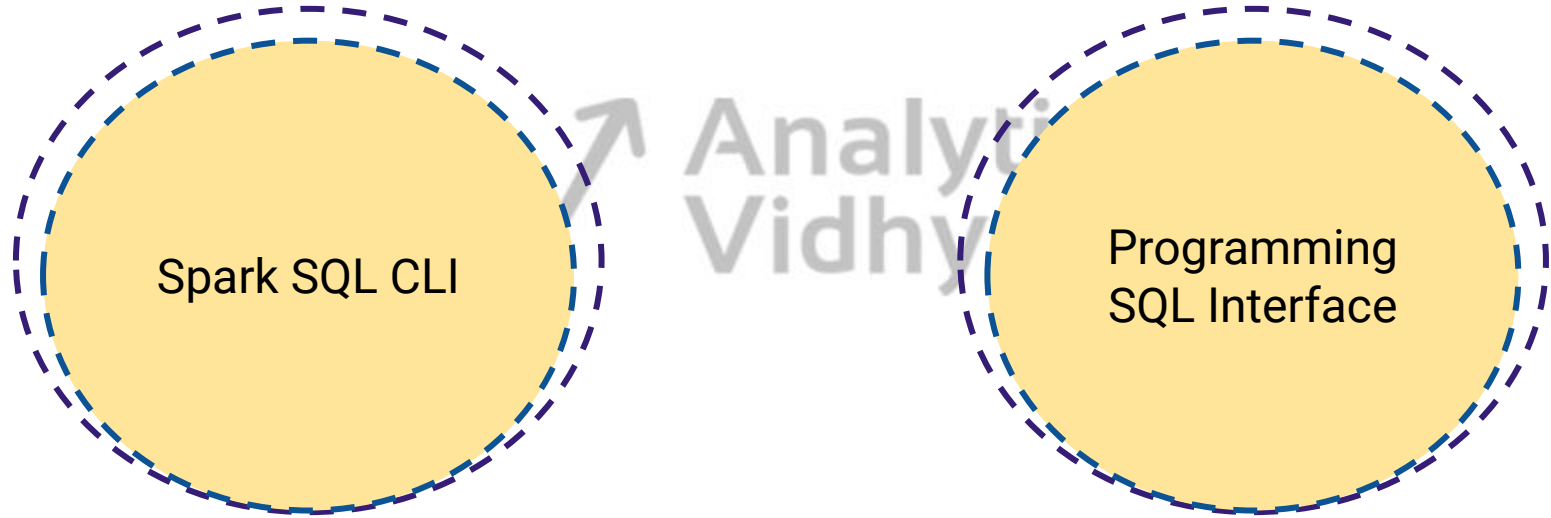
How to run Spark SQL Queries?



Spark SQL CLI

```
lakshay@thinkpad-e490:~$ spark-sql
21/01/06 11:52:04 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
log4j:WARN No appenders could be found for logger (org.apache.hadoop.conf.Configuration).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
21/01/06 11:52:36 INFO SparkContext: Running Spark version 2.4.4
21/01/06 11:52:36 INFO SparkContext: Submitted application: SparkSQL::192.168.43.239
21/01/06 11:52:37 INFO SecurityManager: Changing view acls to: lakshay
21/01/06 11:52:37 INFO SecurityManager: Changing modify acls to: lakshay
21/01/06 11:52:37 INFO SecurityManager: Changing view acls groups to:
21/01/06 11:52:37 INFO SecurityManager: Changing modify acls groups to:
21/01/06 11:53:01 INFO SparkSQLCLIDriver: Spark master: local[*], Application Id: local-109914170175
spark-sql>
>
```

How to run Spark SQL Queries?



Programming SQL Interface

`query = spark.sql("SELECT * FROM data WHERE CITY = 'Gurugram'")`

SparkSession Object

SQL Query

Thank You!!

