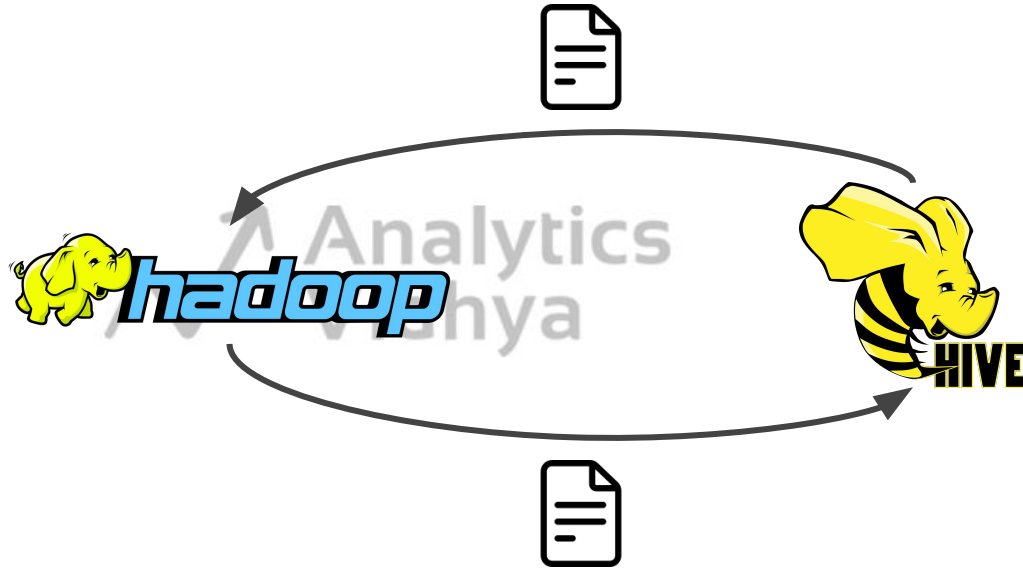


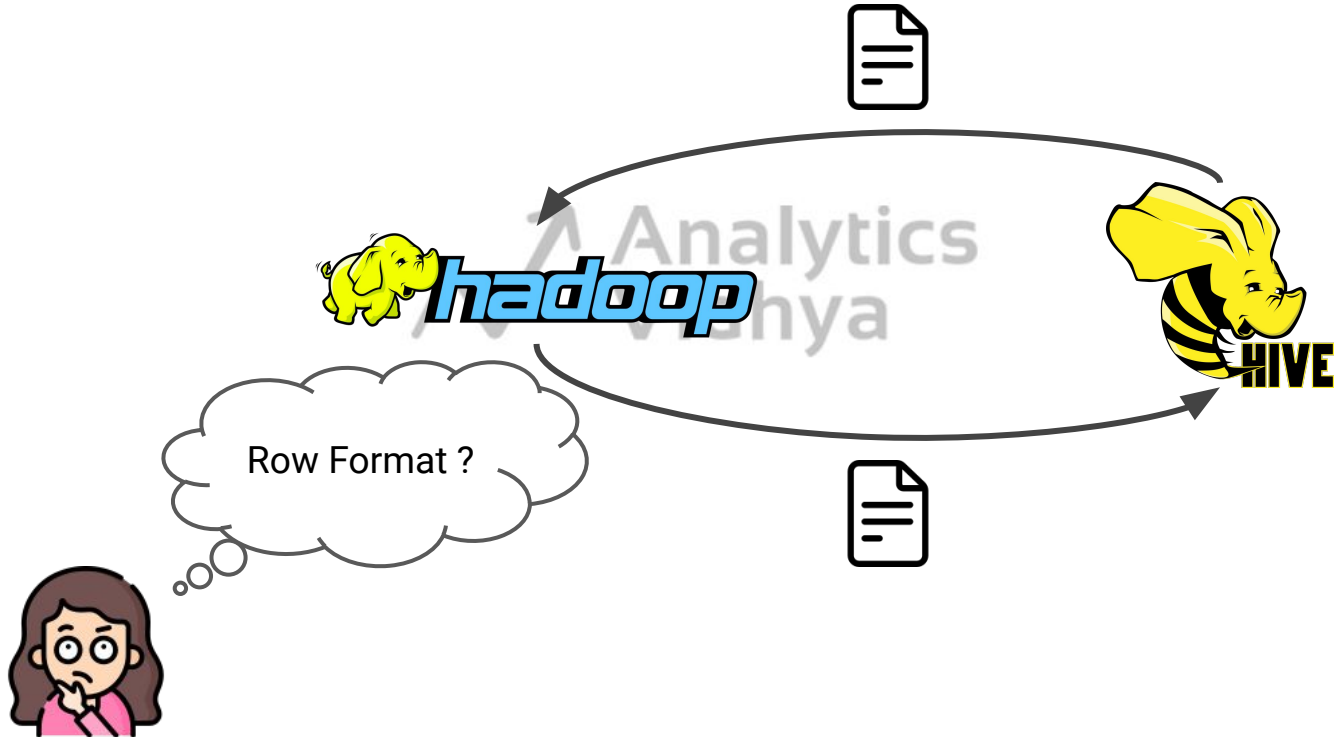


What are SerDes

File Formats in Hive



File Formats in Hive



CREATE TABLE EMP

```
(  
    emp_id int,  
    name map<string, string>,  
    job struct<doj: date,  
        job_id: int,  
        salary: float,  
        manager_id: int,  
        dep_id: int>,  
    team array<int>  
)
```

COMMENT 'Table for employees data'

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

COLLECTION ITEMS TERMINATED BY '\$'

MAP KEYS TERMINATED BY ':'

;

Row Format ?



CREATE TABLE EMP

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Row Format ?

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

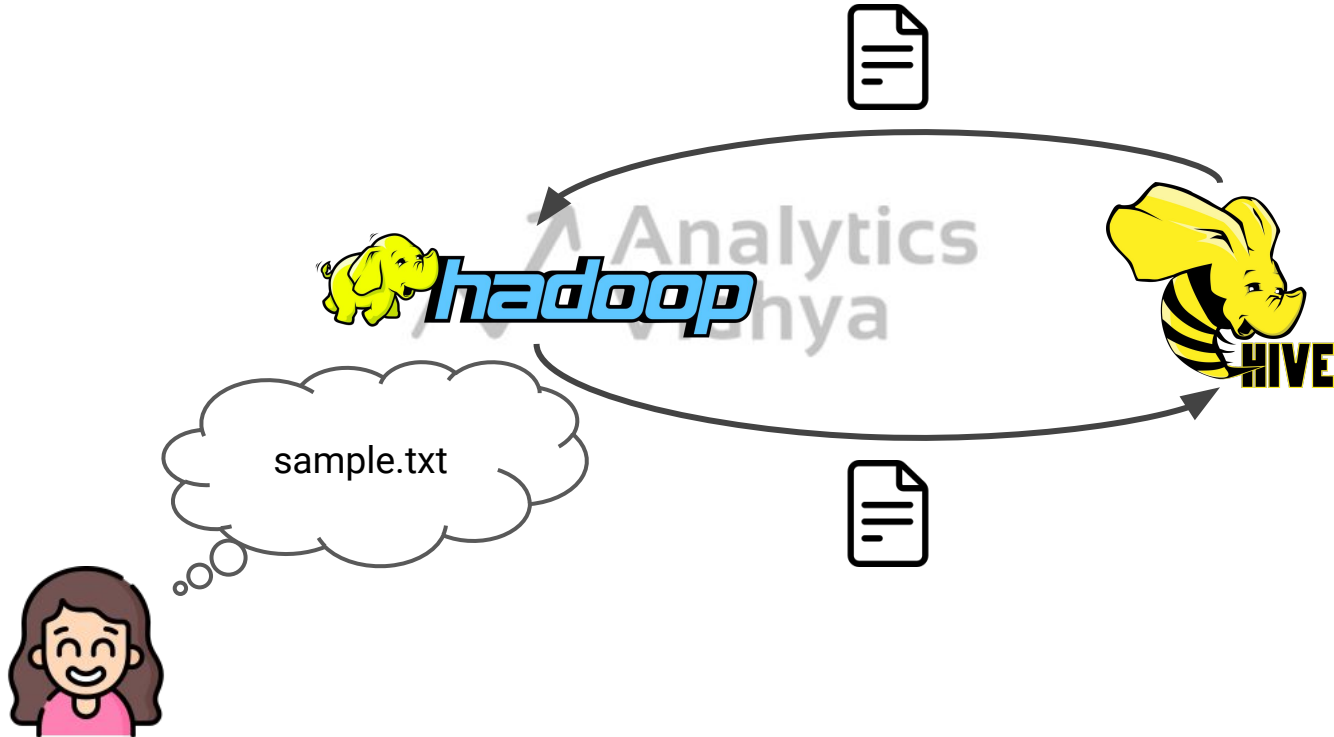
COLLECTION ITEMS TERMINATED BY '\$'

MAP KEYS TERMINATED BY ':'

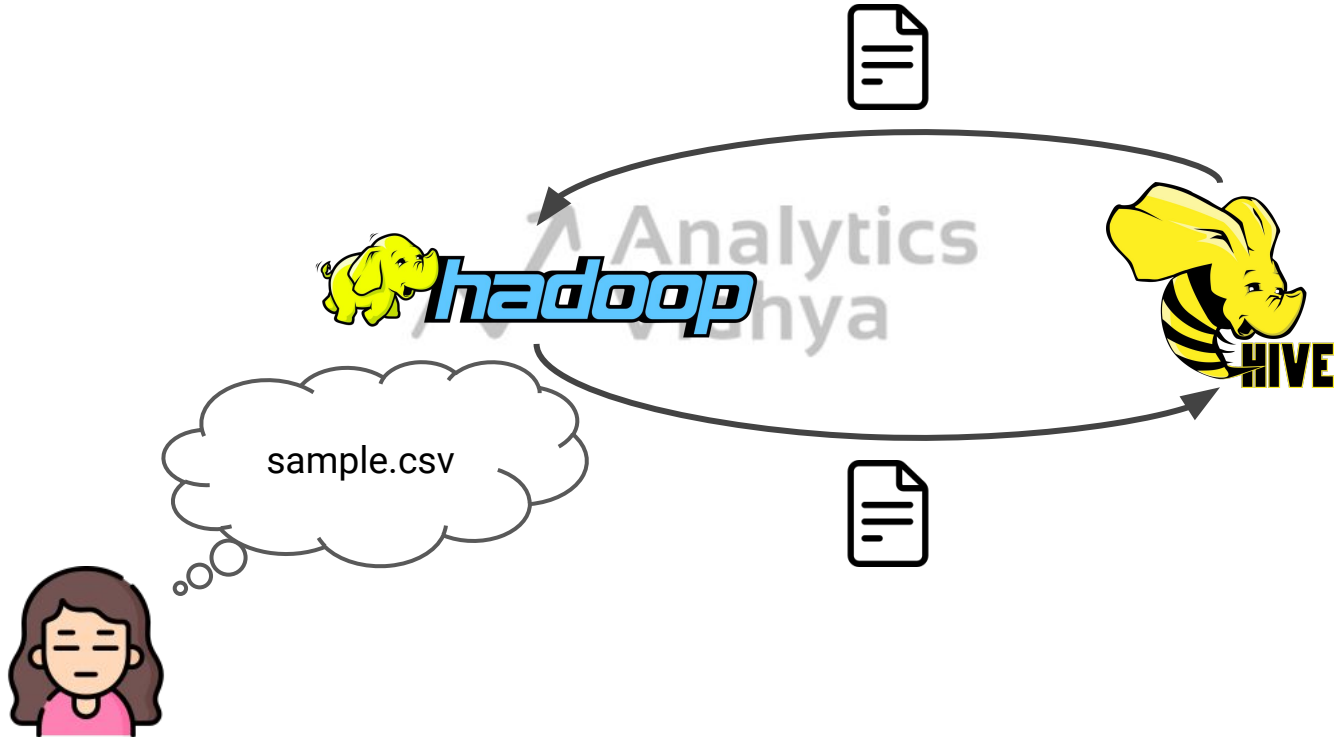
;



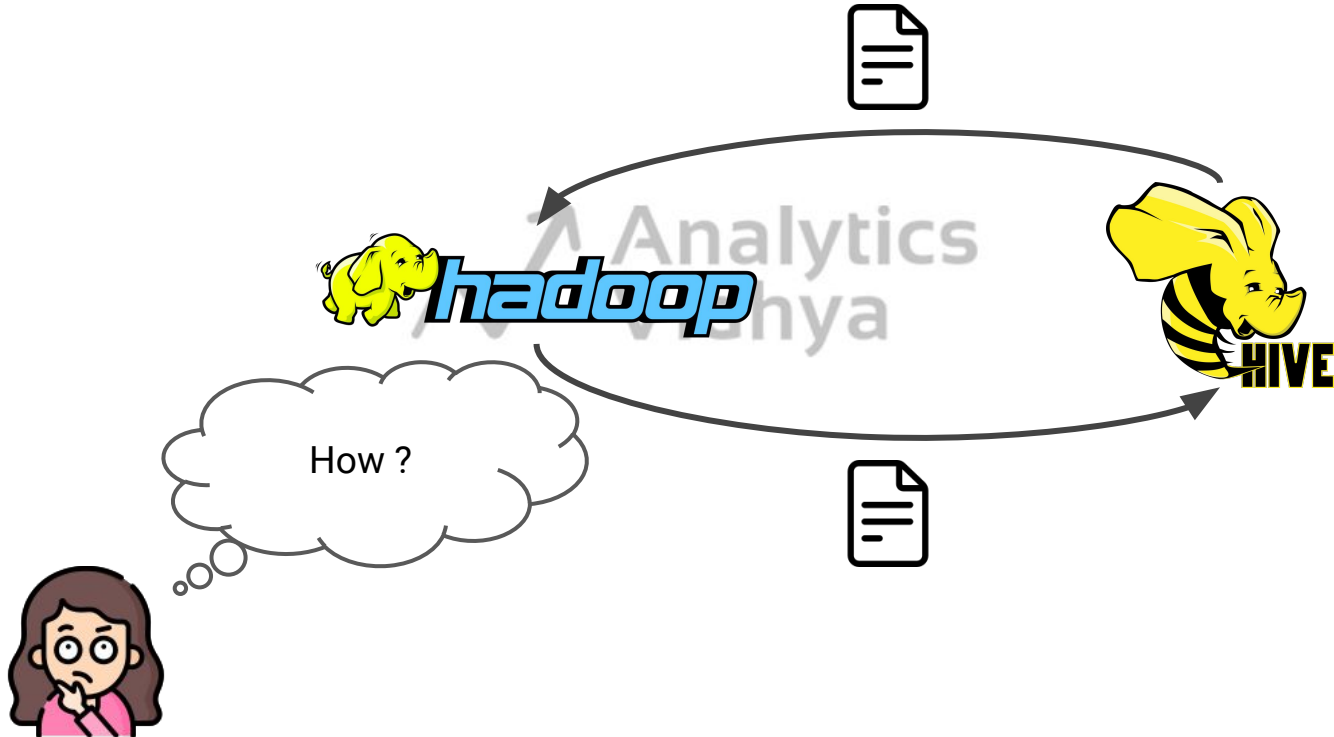
File Formats in Hive



File Formats in Hive



File Formats in Hive



SerDes

 Analytics
Vidhya

SerDes !!



SerDes

- Serializer - Deserializer
- Read row data in file.
- Convert to objects understood by Hive.
- Different SerDes

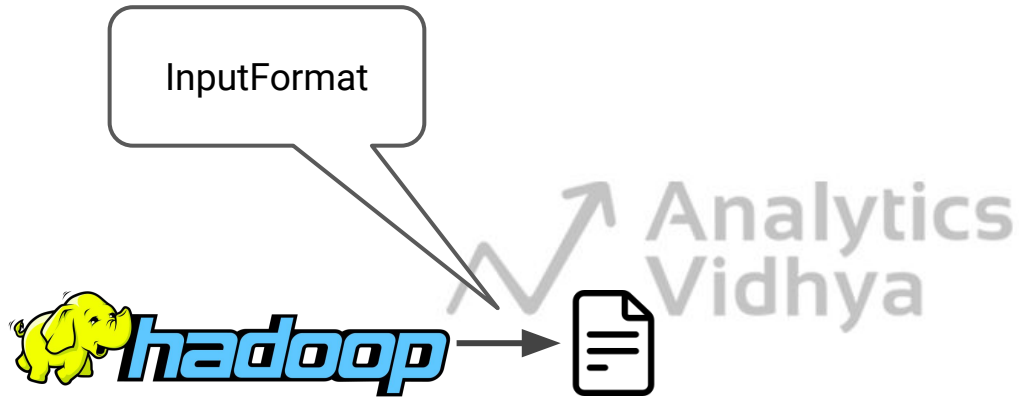


SerDes !!

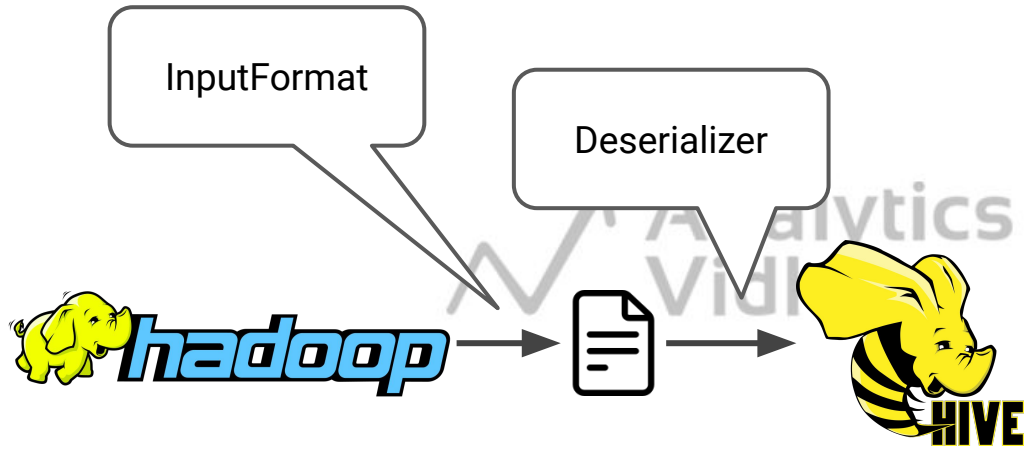
Deserializer



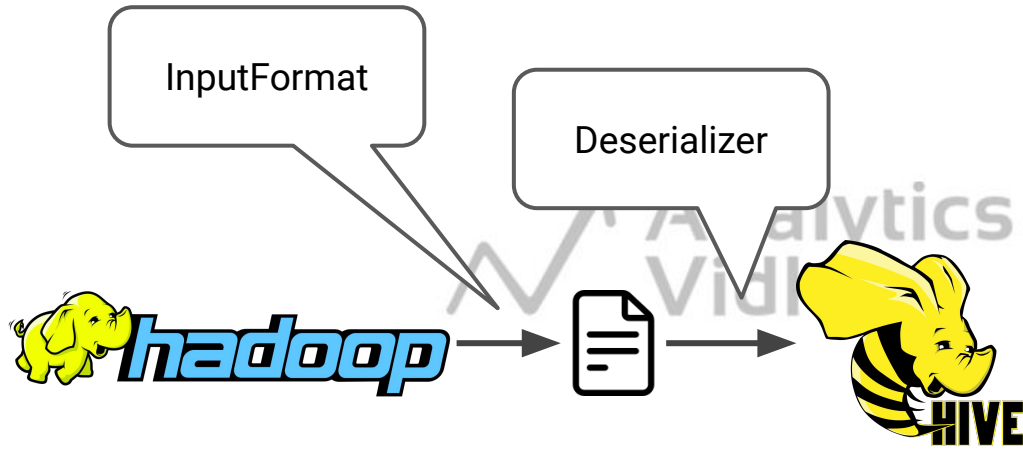
Deserializer



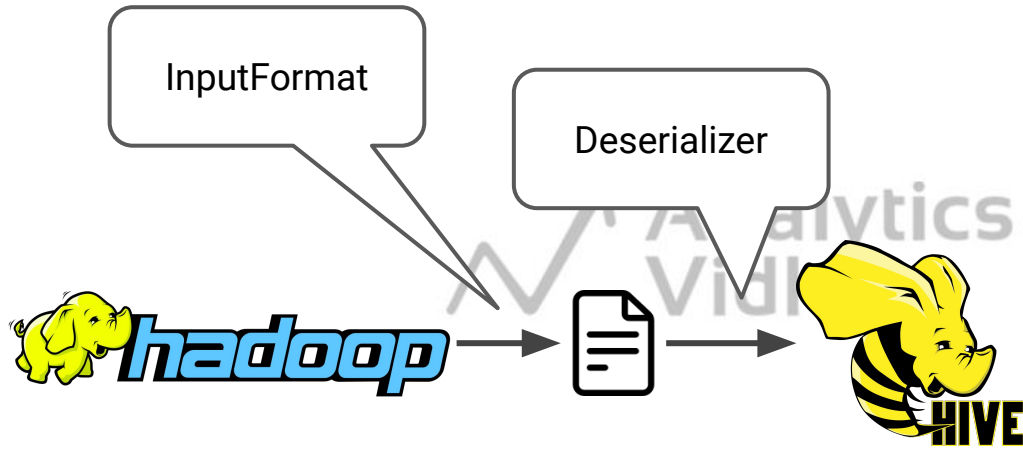
Deserializer



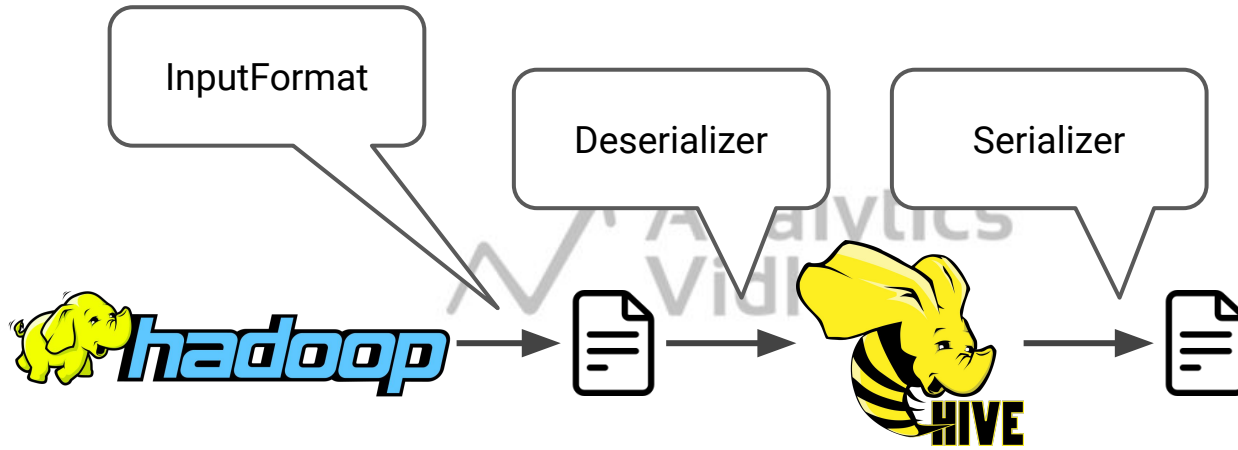
Serializer



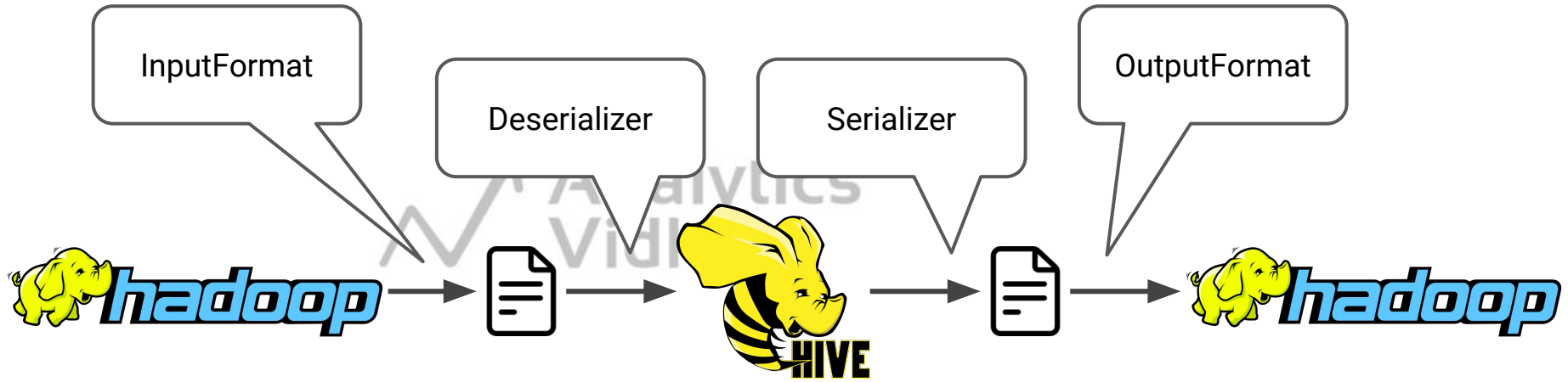
Serializer



Serializer



Serializer



SerDes

 Analytics
Vidhya

SerDes !!



