**Create a table album in hive with the following data**

create table album(rowkey string,singer string,song string,duration string,musicdirector string)row format delimited fields termi

nated by ',';

A close-up of a computer screen

Description automatically generated

. **Create a table in Hbase (using hive-hbase integration) with proper row key design efficiently to load the data from hive to hbase.**

CREATE TABLE AlbumToHBase(rowkey string,singer string,song string,duration string,musicdirector string)STORED BY 'org.apache.hado

op.hive.hbase.HBaseStorageHandler'WITH SERDEPROPERTIES ('hbase.columns.mapping' = ':key,New:singer,New:song,New:duration,New:musicdirec

tor')TBLPROPERTIES ('hbase.table.name' = 'koushikhbase:newalbum') ;

insert overwrite table albumToHBase select \* from album;

A computer screen shot of a computer

Description automatically generated

**There shoud not be any data loss when moving data from hive to hbase**

**Scan ‘koushikhbase:newalbum’**

A close-up of a text

Description automatically generated

**2) Which singer sung for music director AK and what were the songs**

scan 'koushikhbase:newalbum', { FILTER => SingleColumnValueFilter.new(Bytes.toBytes('New'), Bytes.toBytes('musicdire

ctor'), CompareFilter::CompareOp.valueOf('EQUAL'),BinaryComparator.new(Bytes.toBytes('AK')))}

A close-up of a text

Description automatically generated

1. **getall songs sung by a singer 2**

scan 'koushikhbase:newalbum', {COLUMN=>['New:singer','New:song']}

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Description automatically generated