Assignment 14.2

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4. Associated Data Files

https://drive.google.com/file/d/0Bxr27gVaXO5sa0JBamZXdkpYUFk/view?usp=sharing

5. Problem Statement

1. **Fetch date and temperature from temperature\_data where zip code is greater than**

**300000 and less than 399999.**

select date,temperature from temperature\_data where zipcode>300000 AND zipcode <399999;

2. **Calculate maximum temperature corresponding to every year from temperature\_data**

**table.**

select MAX(temperature),YEAR(date) from temperature\_data GROUP BY YEAR(date);

3. **Calculate maximum temperature from temperature\_data table corresponding to those**

**years which have at least 2 entries in the table.**

select MAX(temperature),YEAR(date),count(\*) as TotalCount from temperature\_data GROUP BY YEAR(date) HAVING count(\*) >=2;

4. **Create a view on the top of last query, name it temperature\_data\_vw.**

CREATE VIEW temperature\_data\_vw AS select MAX(temperature),YEAR(date),count(\*) as TotalCount from temperature\_data GROUP BY YEAR(date) HAVING count(\*) >=2;

5. **Export contents from temperature\_data\_vw to a file in local file system, such that each**

**file is '|' delimited.**

insert overwrite local directory '/home/ec2-user/hive-out' row format delimited fields terminated by '|' select \* from temperature\_data\_vw;