

CREATING A LOCAL DATABASE

CREATE
ALTER
DROP
INSERT

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PREVIOUSLY IN DATA ANALYTICS

*AIRBNB PRESENTATION
INSTALL AND CONFIG
-PGADMIN
-POSTGRESQL*

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Prompt for Project Mozilla Firefox

It's 2010 you are attempted to help Mozilla Firefoxes Product Manager decide if they should be investing development efforts in a better Bookmark experience or Tab experience.

Your putting together a presentation recommending an area of focus for the next version of Firefox.

You luckily stumble across a [recent Test Flight](#) with customer surveys and usage analytics to better inform your thinking before deciding which of the two areas to recommend.

Prompt for Project Mozilla Firefox

Initial Draft of Findings:

Describe the users represented in the data.

Describe any initial findings related to your research questions.

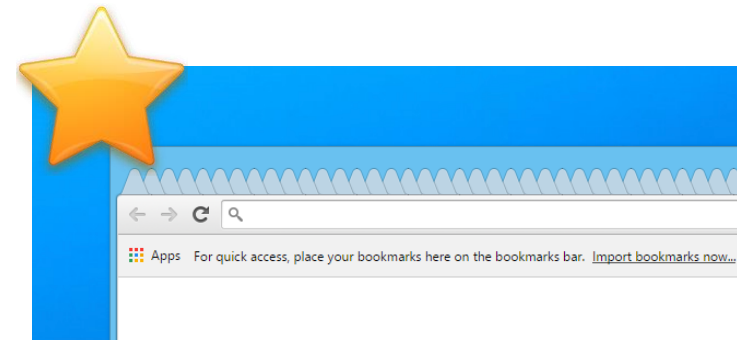
Describe what you still need to do for your presentation in order to make a sound recommendation

SQL Queries + Questions:

List the appropriate business questions you were trying to answer

Use correct, efficient syntax for the functions and operators needed

Include corresponding output listed in the .sql file



Prompt for Project Mozilla Firefox

10-minute Presentation:

Summarize the data in your presentation

Summarize your exploration of the bookmark usage feature in your presentation.

Summarize your exploration of usage of browser tabs in presentation.

Compare the two features and create a coherent recommendation to your boss.

Include analysis of data with statistics and outliers

Include recommendation with predicted outcomes and identified action items

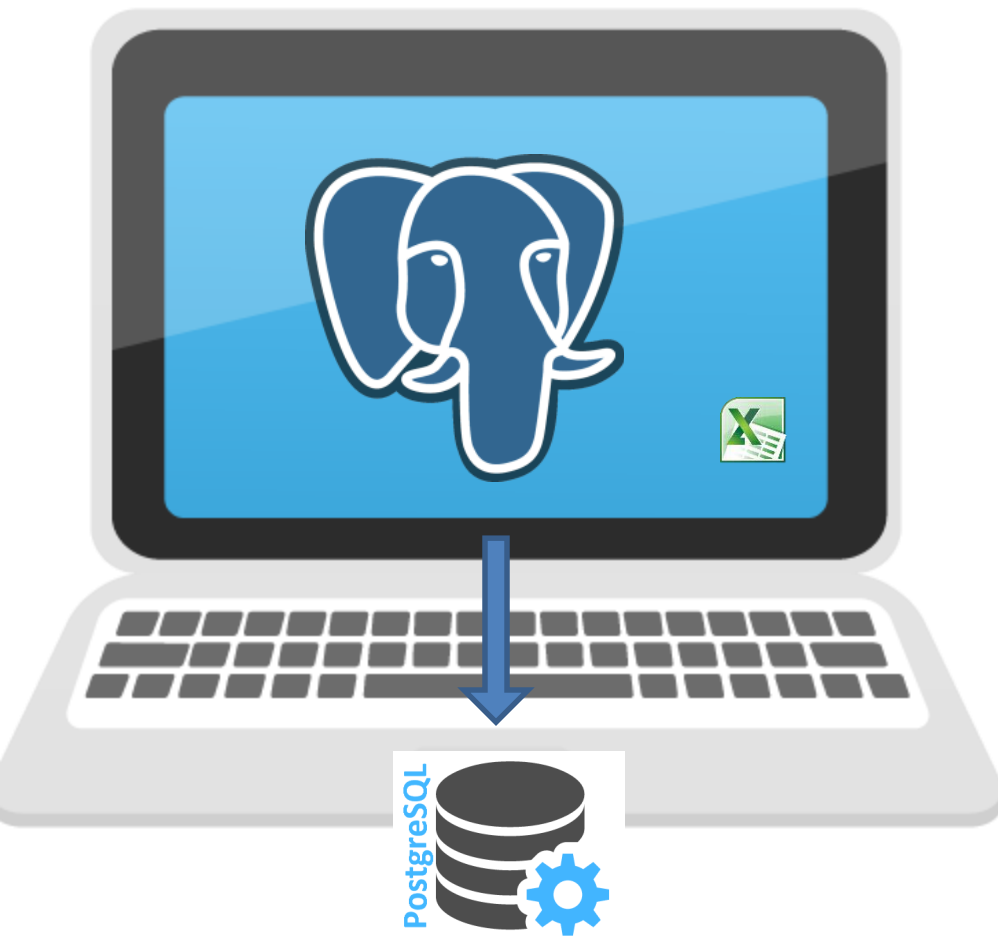
Present limitations, assumptions

Identify follow-up problems and questions for future analysis

CREATING LOCAL DATABASES

OBTAINING AND MODELING DATA

Obtaining Data



Obtaining Data

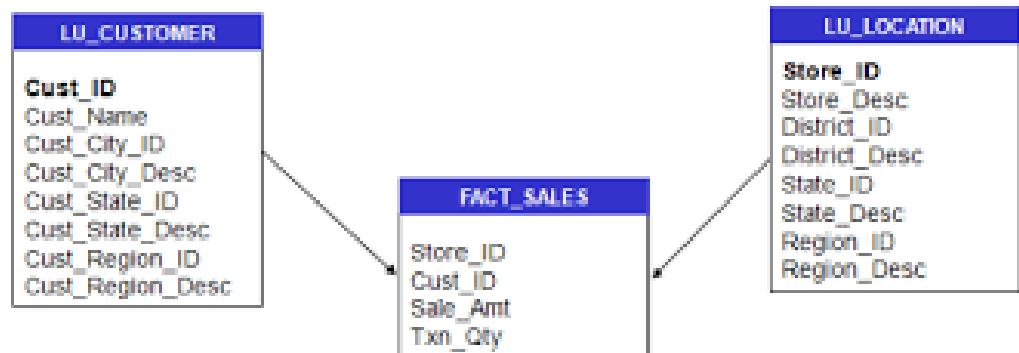


Id	Release date	Record Label	Artist	Song	Album	sales
1						
2						
3						
4						
5						

Id	Artist	Song	Album	sales
1				
2				
3				
4				
5				

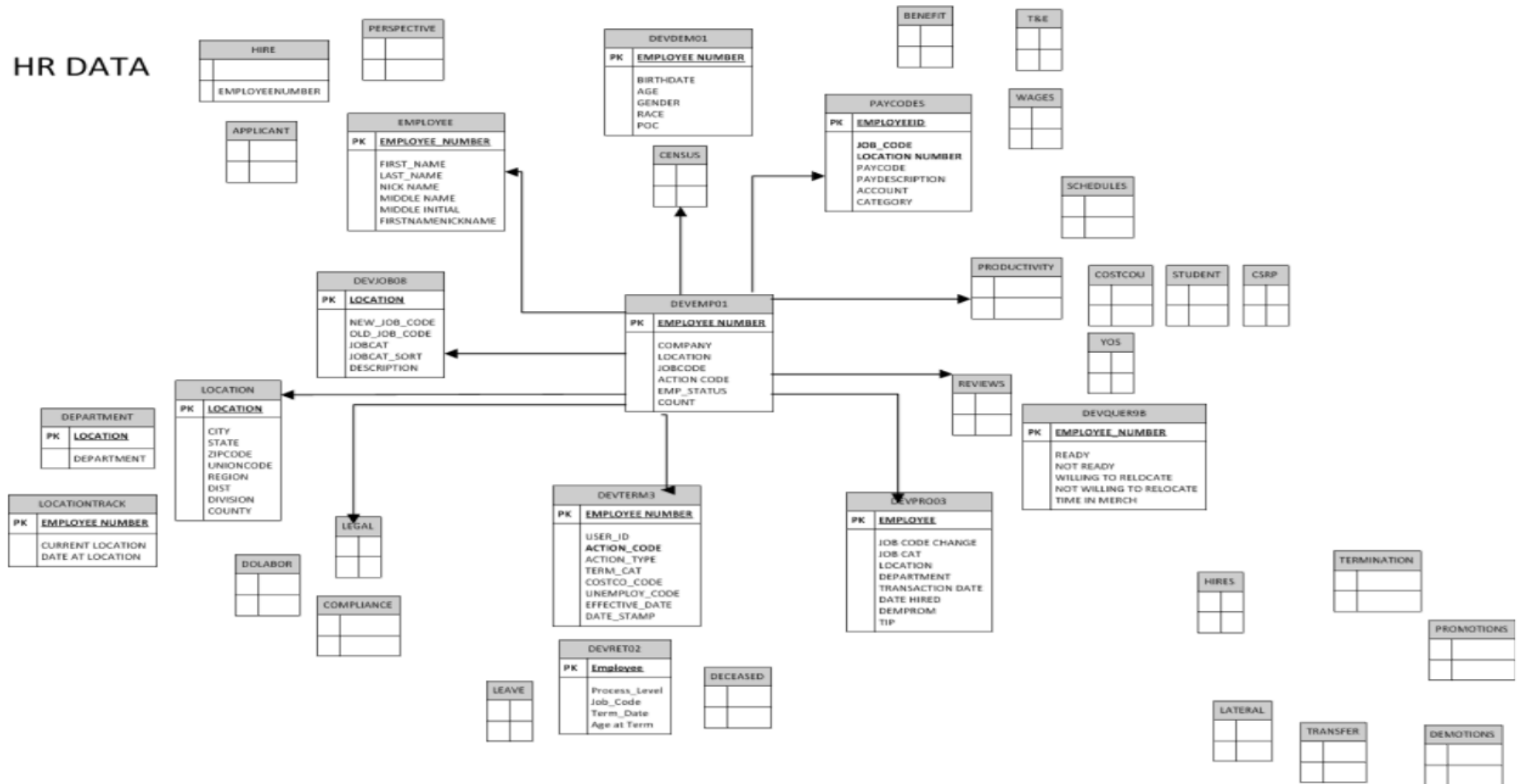
Obtaining Data

SALES			
FIELD	TYPE	LENGTH	
ID	PK	1	
ARTIST	Char	25	
SONG	Char	225	
ALBUM	Char	225	



Obtaining Data

HR DATA



Obtaining Data

Download and review titanic or other data sets

CREATING LOCAL DATABASES

CREATING AND LOADING DATA

Creating Table and loading Data

CREATE TABLE

schema.tablename

(

field1 integer,

field2 numeric,

field3 character(30),

field4 money

);

Creating Table and Loading Data

```
COPY table FROM 'datasource'  
Delimiter ',' filetype Header);
```



Alter & Drop

Alter is used for adding and renaming columns

Drop is used to delete tables



Insert into and Workflows

INSERT INTO table SELECT...FROM ...



Q & A

I have observed that the selection of food is often influenced by the mood of the person ordering.

-Lieutenant Commander Data

NEXT in Data Analytics

Data Flow

Gathering requirements

Understanding your Data

SELECT

FROM

WHERE

ORDER BY

LIMIT

EXIT TICKET

CLASS: CREATING LOCAL DATABASE

**QUESTION: WOULD YOU USE, COPY,, INSERT INTO OR
LOAD WHEN CREATING A TABLE FROM ALREADY
LOADED DATA**

