Outline to create database din pgAdmin using SQL

# Create Database

* Launch pgAdmin
* Connect to postgres Server
* Right Click => Create Database

# Create Tables using SQL

* Sample Code using Query Tool:
* CREATE TABLE dept\_manager (
* dept\_no VARCHAR(4) NOT NULL,
* emp\_no INT NOT NULL,
* from\_date DATE NOT NULL,
* to\_date DATE NOT NULL,
* FOREIGN KEY (emp\_no) REFERENCES employees (emp\_no),
* FOREIGN KEY (dept\_no) REFERENCES departments (dept\_no),
* PRIMARY KEY (emp\_no, dept\_no)
* );
* People
* Batting
* Salaries

# Import CSVs to each Table

* Right click table => Import/Export

# Prepare Tables

* Delete unnecessary columns
* Decide what data prep is easiest done with SQL or Python

# Join Tables

* What type of Join?
* Sample code using Query Tool:
* SELECT departments.dept\_name,
* Dept\_manager.emp\_no
* From departments
* Inner join dept\_manager on departments.dept\_no = dept\_manager.dept\_no;

# Further data preparation and cleaning can be done using jupyter notebook or google colab