



**Connecting  
your local PostgreSQL  
to Excel and Python**





- Use ODBC to create a connection to the lahman baseball database on your local PostgreSQL (server name is localhost)
- Be sure to name the DSN something meaningful (**postgres\_baseball** works)
- Use the new DSN created with PowerPivot to connect to the data (refer to power pivot setup doc shared earlier in the course as needed).



- Use sqlalchemy to create an engine that defines the server, port, and database you want to connect to.
- Use the pandas `read_sql()` method, setting `con =` the engine you created and `sql =` the query you want to run.
- Be sure your local postgres is running!
- Example at `baseball_connect.ipynb`