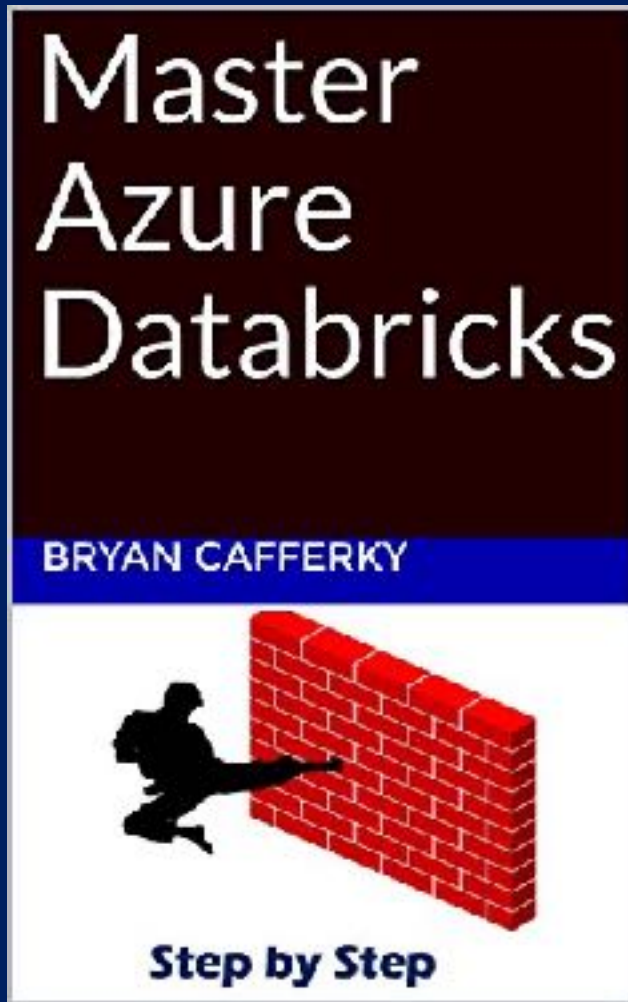


Python & PostgreSQL



**Better
Together**

Bryan Cafferky
Data & AI Enabler



- **Apache Spark Based Service**
- **Comprehensive Resource**
- **From Beginner to Expert**
- **Step by Step Use Case**
- **Free Kindle Reader for most devices**



Available on Amazon!



Where Are We Going?

- **What is PostgreSQL?**
- **Why Use PostgreSQL with Python?**
- **Riveting Demo**

To get PostgreSQL: <https://www.postgresql.org/download/>

Sample Database: <https://www.postgresqltutorial.com/postgresql-sample-database/>



What is PostgreSQL?

- **Free and Truly Open-Source Enterprise Database Management System**
- **Very Performant**
- **Supports Large Databases**
- **Features Competitive with Oracle and SQL Server**
- **Resiliency and High Availability**
- **Runs on many platforms**



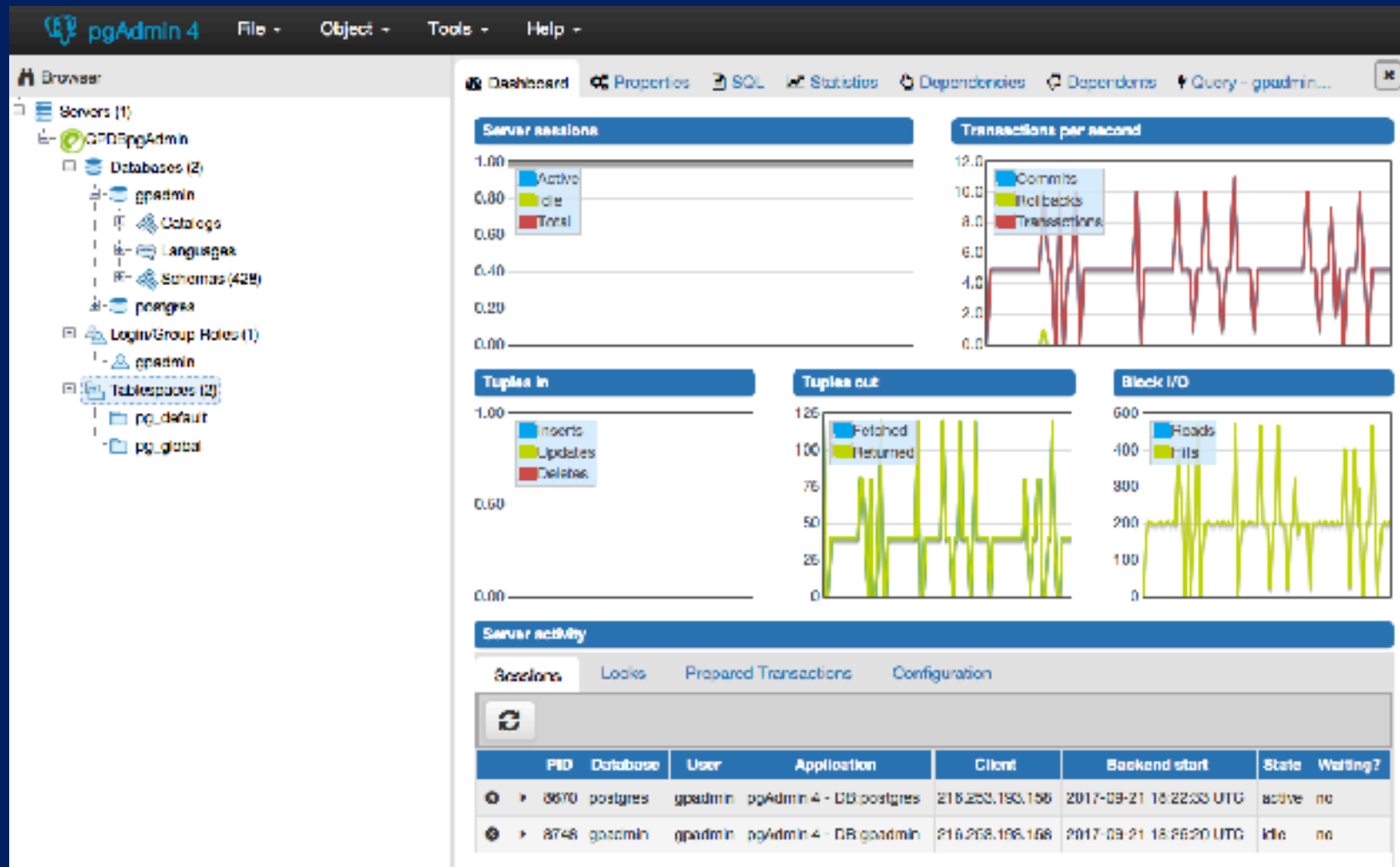


PostgreSQL/Python Features

- **PostgreSQL is the Python Community's Favorite Database**
- **Several ways to use it.**
 - **ODBC**
 - **PostgreSQL Drivers**
 - **SQLAlchemy**
 - **pandas**
- **Integration with pandas simplifies things.**



pgAdmin



Demo Time!



<https://pixabay.com/photos/elephant-animals-asia-large-1822636/>



Wrapping Up

- **What is PostgreSQL?**
- **Why Use PostgreSQL with Python?**
- **Riveting Demo**

Thank You!