Python & SQLite3

Data Analysis

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https://github.com/bcafferky/shared

Where Are We Going?

- **What is SQLite?**

- **Why use SQLite?**

- **Architecture**

- **Using SQLite**

- **Combining SQLite with PostgreSQL**

What is SQLite?

- Open Source Lightweight "run anywhere" DBMS

- Included with Python

- Full SQL Implementation

- Rich DBMS Functionality

Why use SQLite?

- Provides a local database to store data

- Zero Configuration

- Stage, Clean, and Transform Data for Analy̲[s̲i̲s̲]

- Build a local Data Warehouse

- Code and Data can be shared with anyone

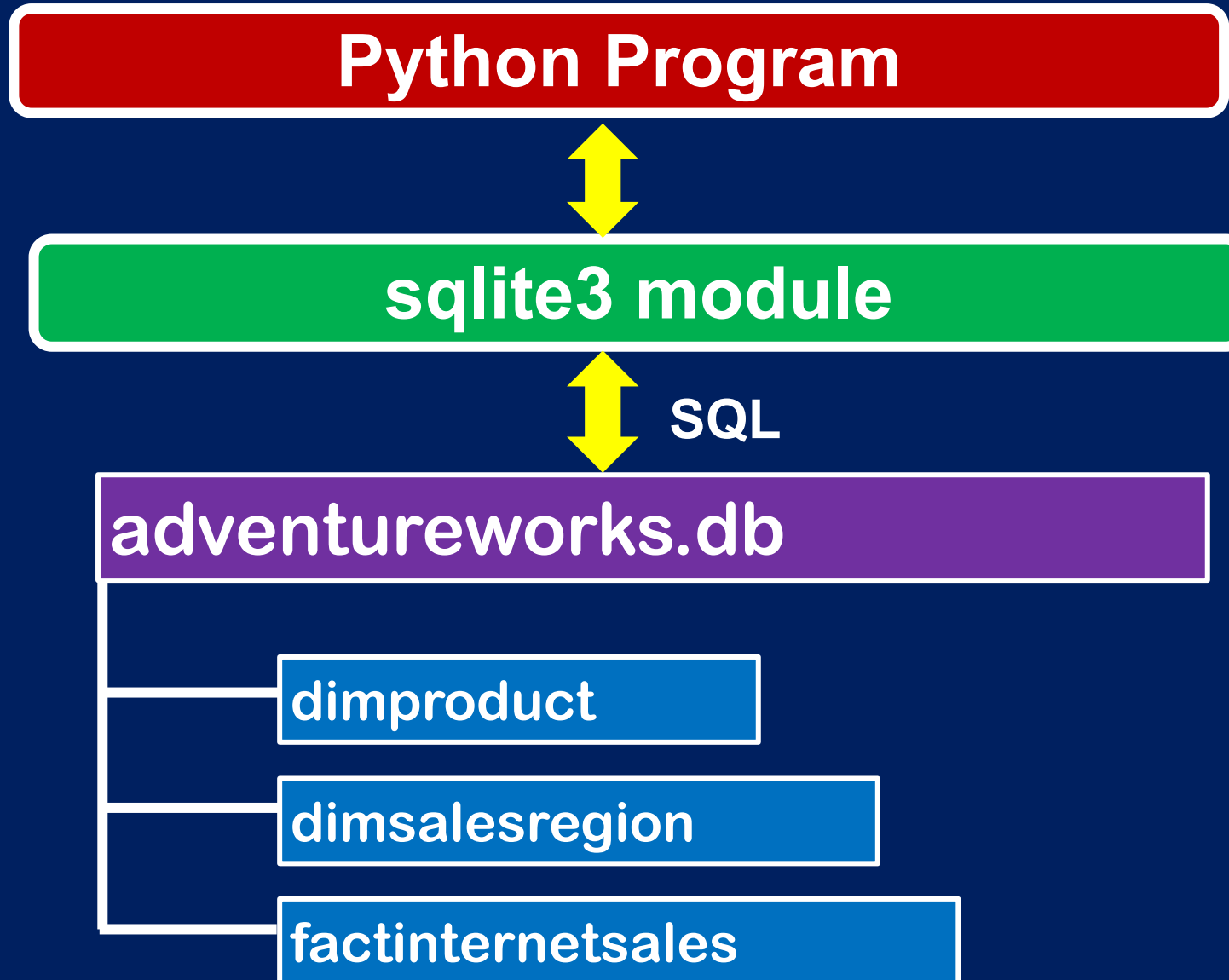**Do Not Store Confidential Data in SQLite!**

| Windows | Linux | iOS | Android |

SQLite Architecture

Demo Time!

SQLite

Wrapping Up

- **What is SQLite?**

- **Why use SQLite?**

- **Architecture**

- **Using SQLite**

- **Combining SQLite with PostgreSQL**