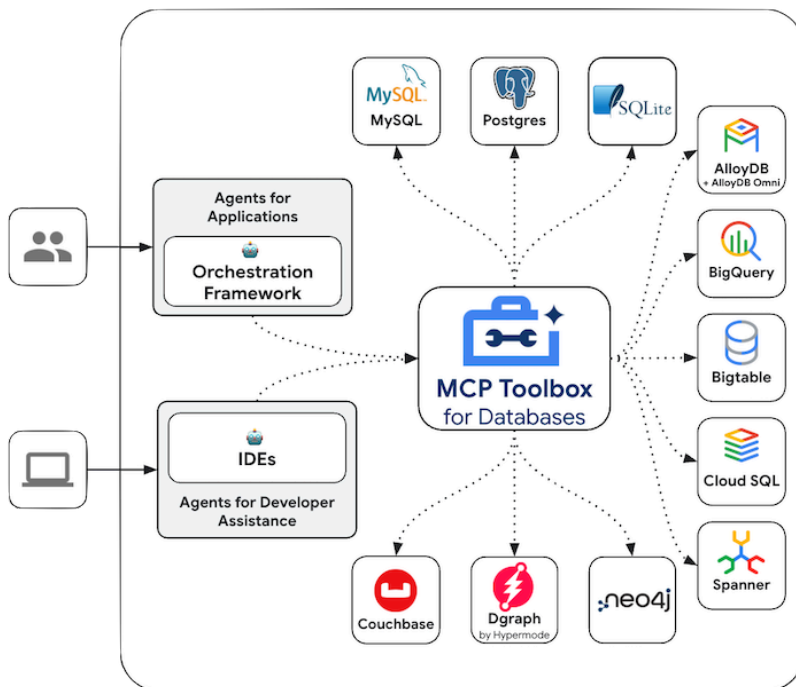# Model Context Protocol

An introduction to MCP Toolbox for Databases:
MCP Toolbox for Databases is an open source MCP server for databases. It enables you to develop tools easier, faster, and more securely by handling the complexities such as connection pooling, authentication, and more.

General Architecture

Toolbox sits between your application's orchestration framework and your database, providing a control plane that is used to modify, distribute, or invoke tools. It simplifies the management of your tools by providing you with a centralized location to store and update tools, allowing you to share tools between agents and applications and update those tools without necessarily redeploying your application.

IMPLEMENTATION:
1. Installed [Python 3.9+](#) (including [pip](#) and your preferred virtual environment tool for managing dependencies e.g. [venv](#))
2. Installed [PostgreSQL 16+ and the `psql` client)](#)
3. Perform the following steps in the terminal. I have done in vs code, but it can be done in any terminal.
4. Implementation steps are in the Readme.md