**Types Of Software we can Develop and Tech Stack By Using Python and SQL**

Python and SQL together are a powerful combination for developing a variety of software applications. Below are the types of software you can develop and the relevant tech stacks :

**Web Applications**

* **Tech Stack**:
  + Backend: Python (Django, Flask, FastAPI)
  + Database: SQL (PostgreSQL, MySQL, SQLite, SQL Server)
  + Frontend: HTML, CSS, JavaScript (React, Vue.js, Angular)
* Example: E-commerce sites, social media platforms, dashboards

**Desktop Applications**

* **Tech Stack**:
  + Python (PyQt, Tkinter, Kivy)
  + Database: SQLite, PostgreSQL, MySQL
* Example: Inventory management systems, POS systems

**Automation & Scripting**

* Example: Data migration, report generation, API automation
* **Tech Stack**:
  + Python (Selenium, BeautifulSoup, PyAutoGUI)
  + SQL for database interactions

**Mobile Applications**

* Example: Finance tracking apps, business apps
* **Tech Stack**:
  + Python (Kivy, BeeWare)
  + Database: SQLite, PostgreSQL

**Internet of Things (IoT) Applications**

**Tech Stack:**

* **Microcontrollers:** Raspberry Pi, Arduino
* **Communication Protocols:** MQTT, WebSockets
* **Database:** InfluxDB, PostgreSQL
* **Python Libraries:** RPi.GPIO, Adafruit, PySerial

**Examples:**

* Smart home automation
* Industrial monitoring systems