# March 4

## setup

CD C:\Users\andrew.dilley\development\sql-demo

venv\Scripts\activate

## running sql-demo.py from the Visual Studio Code console

ModuleNotFoundError: No module named 'dotenv'

pip install python-dotenv

ModuleNotFoundError: No module named 'langchain'

pip install langchain

ModuleNotFoundError: Module langchain\_community.utilities not found. Please install langchain-community to access this module. You can install it using `pip install -U langchain-community`

pip install -U langchain-community

ModuleNotFoundError: No module named 'pyodbc'

pip install pyodbc

application now runs

next time

pip install -r requirements.txt

running app1.py

echo "# LangChainQASQL" >> README.md

git init

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/AndrewDilley/LangChainQASQL.git

git push -u origin main

# March 12

git add .

git commit -m "simple queries working"

git status

git push -u origin main

# March 13

## setup

CD C:\Users\andrew.dilley\development\sql-demo

venv\Scripts\activate

## how are the vw\_maximo\_workorders, vw\_Maximo\_Asset and vw\_Maximo\_Locations joined?

  select top 100  
    wo.wonum,  
     wo.workorder\_description,  
     wo.asset\_id,  
     wo.asset\_description,  
     a.status\_desc,  
     a.assetnum,  
     lo.location\_code  
  from  
     src.vw\_maximo\_workorders wo  
join src.vw\_Maximo\_Asset a on (wo.asset\_id = a.assetnum)  
join src.vw\_Maximo\_Locations lo on (wo.location\_description = lo.location\_description)

[Maximo Information](https://wannonwater.sharepoint.com/:f:/r/sites/COM-PowerBIUserGroup/Shared%20Documents/Projects/Maximo%20Information?csf=1&web=1&e=gzCeFY)

## Take a copy

CD C:\Users\andrew.dilley\development\sql-demo

git add .

git commit -m "complex queries working"

git status

git push -u origin main

<http://localhost:5000>

## new flask app

git add .

git commit -m "new flask app"

git status

git push -u origin main

# March 21

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

<https://chatgpt.com/share/67dd09ad-915c-800d-9837-b7d1a318095b>

## Specific join instructions

git add .

git commit -m "specific join instructions"

git status

git push -u origin main

## Adding visualisation option

This works:  
  
how many work orders were there in June 2023, July 2023 and August 2023

A screenshot of a computer screen

AI-generated content may be incorrect.

Note: apart from the September data

This doesn’t:

on a monthly basis, how many work orders were there in 2022, 2023 and 2024

Note: coding changes made, but no difference

A screenshot of a computer

AI-generated content may be incorrect.

! idea for enhancement – spinner to indicate processing