SQLfluff

SQL code formatting can be a boring task and can cause a lot of discussions, and we can spend a lot of time with code review, and it is why programmers created SQLFluff . **SQLFluff** is an open source, dialect-flexible and configurable SQL linter. Designed with ELT applications in mind, **SQLFluff** also works with Jinja templating and dbt. **SQLFluff** will auto-fix most linting errors, allowing you to focus your time on what matters.

The purpose of this article is to provide you with step-by-step instruction of how to use SQLFluff with Visual Studio. For detailed information about rules, configuration, please visit SQLFluff
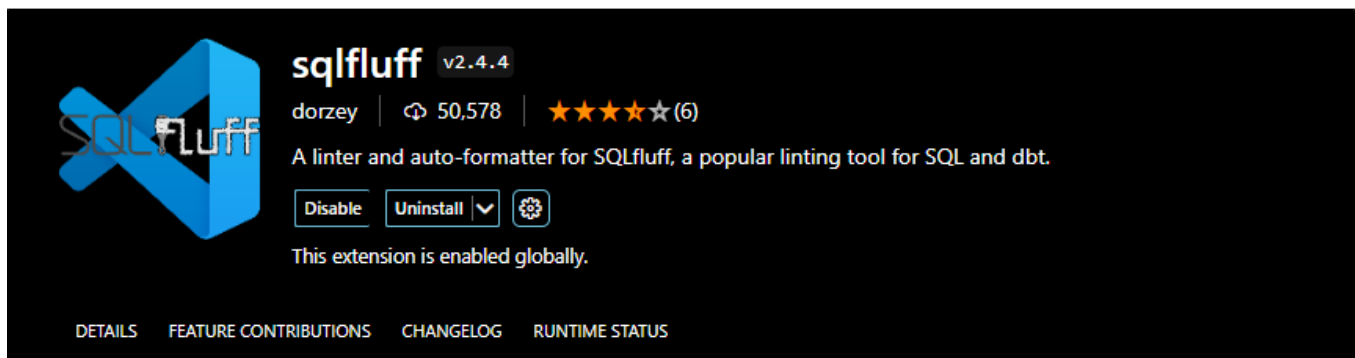
Installation

1. Please be sure that Python and Visual Studio have been installed on your machine
2. Follow the instruction from Installing SQLFluff
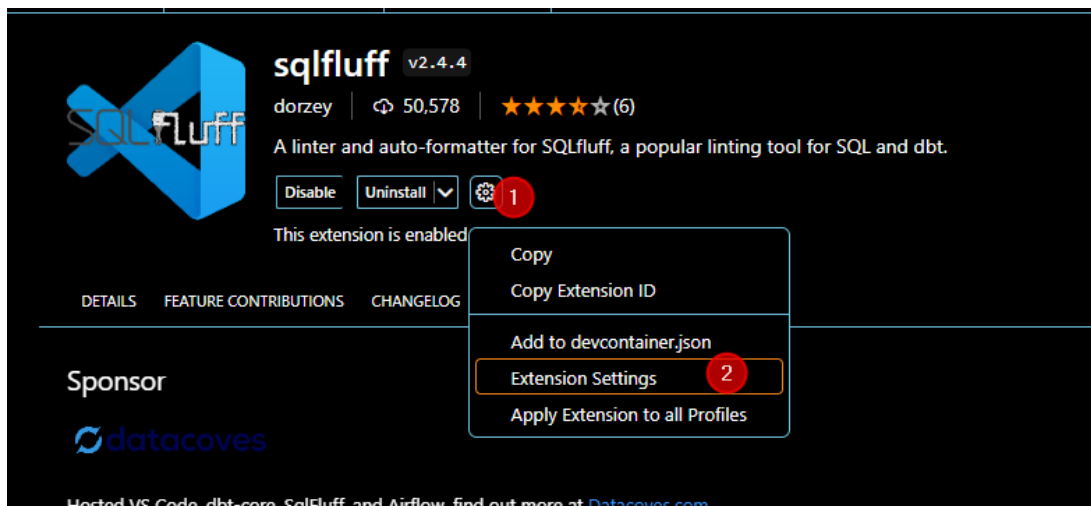
```
pip install sqlfluff
```

3. Confirm its installation by getting *SQLFluff* to show its version number
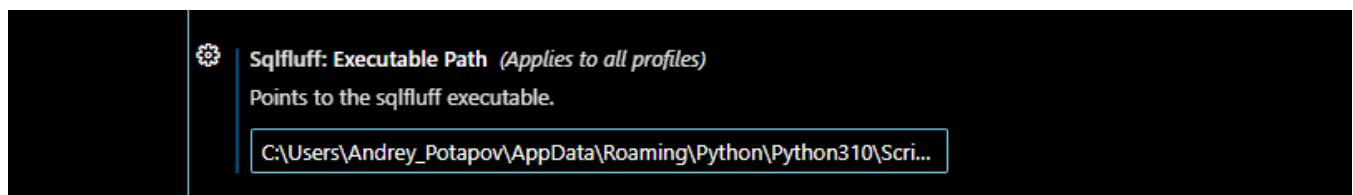
```
sqlfluff version
```

    a. If you are not able to confirm installation, just find the path there sqlfluff.exe is located. (ex C:\Users\.........\AppData\Roaming\Python\Python310\Scripts\sqlfluff.exe)

4. Install Visual Studion Code extension **sqlfluff**
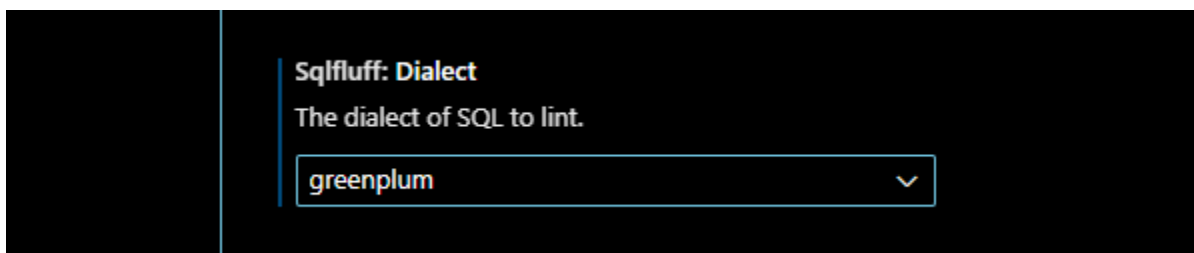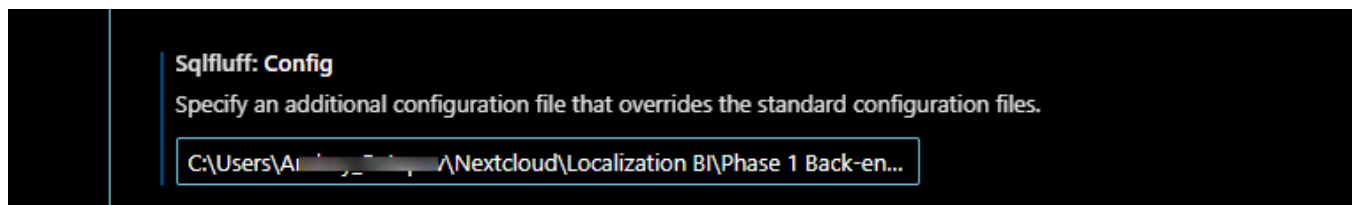

5. copy .sqlfluff configuration file to your local machine and remember the path

6. set up **sqlfluff extension.**
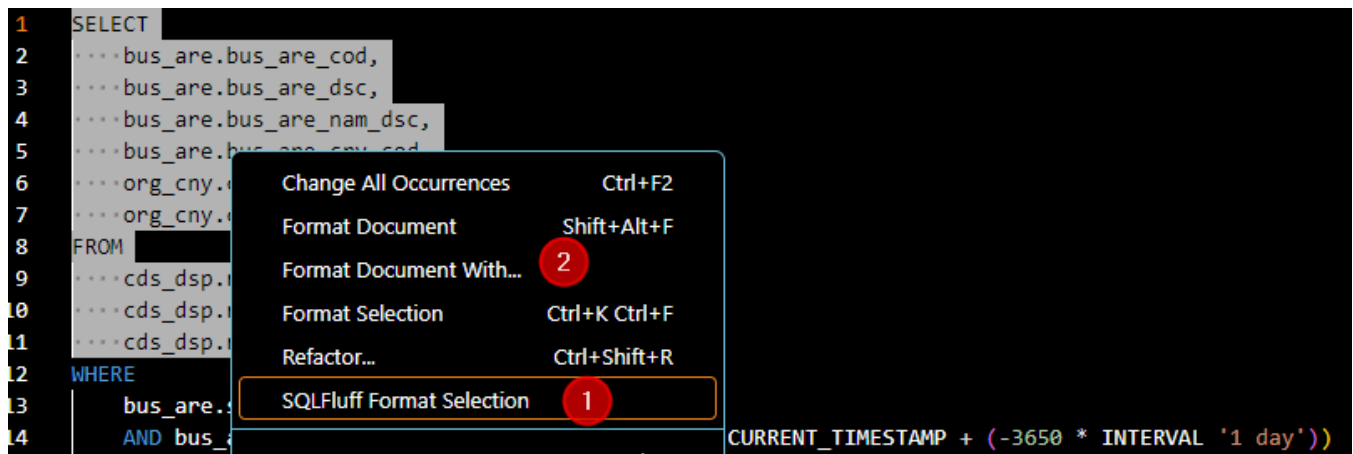
6.1. Setup path to sqlfluff.exe file

6.2. Setup path to configuration path

7. restart computer

8. open Visual Studio and select any SQL code and format code with sqlfluff

9. current .sqlfluff configuration file created for Postgres and Greenplum according to SQL Style Guide and Naming Conventions. You can create your own configuration