# 1. Create a new virtual environment

python3 -m venv env

# 2. Activate it

source env/bin/activate

# 3. Upgrade pip (optional but recommended)

pip install --upgrade pip

# 4. Install essential packages

pip install pandas pyarrow lightgbm jupyterlab matplotlib seaborn scikit-learn

pip freeze > requirements.txt

python3 -m venv env

source env/bin/activate

pip install -r requirements.txt