requirements.txt: A list of soft pins to keep data and scripts compatible across multiple machines. Useful for development.

requirements-lock.txt: A list of hard pins for releases. Necessary for result reproducibility across multiple machines.

Development workflow:

Mount the drive:

from google.colab import drive

drive.mount('/content/drive', force\_remount=True)

Clone forked repo:

subprocess.run(["git", "clone", REPO\_URL], check=True)

Install requirements according to requirements.txt or requirements-lock.txt:

!pip install -q -r requirements.txt

Outputs go.