Install ZenML - <https://docs.zenml.io/getting-started/installation>

Once you download source code, create a virtual env, follow this guide to create virtual environment: <https://youtu.be/GZbeL5AcTgw?si=uj7B8-10kbyEytKo>

Once virtualenv environment is activated, run following command:

**pip install -r requirements.txt**

If you are running the run\_deployment.py script, you will also need to install some integrations using ZenML:

**zenml integration install mlflow -y**

The project can only be executed with a ZenML stack that has an MLflow experiment tracker and model deployer as a component. Configuring a new stack with the two components are as follows:

**zenml integration install mlflow -y**

**zenml experiment-tracker register mlflow\_tracker --flavor=mlflow**

**zenml model-deployer register mlflow --flavor=mlflow**

**zenml stack register local-mlflow-stack -a default -o default -d mlflow -e mlflow\_tracker --set**