

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
```