For a project, you repository/folder should contain the following:

* README.md with
  + Description of the problem
  + Instructions on how to run the project
* Data
  + You should either commit the dataset you used or have clear instructions how to download the dataset
* Notebook (suggested name - notebook.ipynb) with
  + Data preparation and data clearning
  + EDA, feature importance analysis
  + Model selection process and parameter tuning
* Script train.py (suggested name)
  + Training the final model
  + Saving it to a file (e.g. pickle) or saving it with specialized software (BentoML)
* Script predict.py (suggested name)
  + Loading the model
  + Serving it via a web serice (with Flask or specialized sofware - BentoML, KServe, etc)
* Files with dependencies
  + Pipenv and Pipenv.lock if you use Pipenv
  + bentofile.yaml if you use BentoML
  + or equivalents: conda environment file, requirements.txt or pyproject.toml
* Dockerfile for running the service
* Deployment
  + URL to the service you deployed or
  + Video or image of how you interact with the deployed service