Modular Coding

1. Data Ingestion
2. Data Validation
3. Data Transformation
4. Model Trainer
5. Model Evaluation
6. Model pusher

**Data Ingestion**

1. Us-visa 🡪 constants 🡪 copy the code

For all the components you need to assigned in the constant folder , so that instead of changing it in each file , we can change it from the single file

1. In us-visa 🡪 configuration 🡪 create a mongo db connection.py file
2. Us visa 🡪 create folder data\_access 🡪 create \_\_init\_\_.py and usvisa\_data.py 🡪
3. Us visa 🡪 entity🡪 config entity🡪
4. Us visa 🡪 entity 🡪 artifact (return type of the component . Here : data ingestion)🡪

Here train.py and test.py

1. Us visa 🡪 Data ingestion.py 🡪
2. Training\_pipeline
3. End point