

# Code Documentation

---

the files for which the documentation is being done are : 1. collabarative filtering 2. svd\_implementation 3. CUR

## 1. collabarative\_filtering

---

**baseline\_cf.py:**

- Code to evaluate metrics on CF baseline

**cf.py:**

- Code to evaluate metrics on CF

**preprocess\_cf():**

- Preprocessing the data

## 2. Svd\_implementation

---

**svd\_main.py:**

- Main file for singular value decomposition and evaluating its metrics

## 3. CUR

---

**cur.py:**

- Main file for CUR decomposition and evaluating its metrics

**helper.py:**

- helper module for cur containing svd class