* Total 7 files are there to work on which are related to Banking domain.

1. **“accountsdata”**
2. This table includes 5 columns and 1054 rows however when imported data only 1043 rows got imported in sql. Seems data is not inserted for few rows which was not having proper data.
   * 1. account\_id -> bigint
     2. customer\_id -> bigint
     3. branch\_id -> bigint
     4. account\_type -> text
     5. balance -> double
3. Discrepancy found in data.
4. Found 11 rows are not having details for account\_id, customer\_id, branch\_id, in csv file.
5. Found 1 row with -4 balance however no data present for account\_id, customer\_id, branch\_id.
6. **“branches”**
   1. This table includes 3 columns and 10 rows.
      1. branch\_id -> int
      2. branch\_name -> text
      3. branch\_address -> text
   2. No discrepancy found in table.
7. **“customersdata”**
   1. Table includes 6 columns ( customer\_id, first\_name, last\_name, email, phone, address ) and 1134 rows however only 1122 records got imported in sql.
      1. customer\_id -> double
      2. first\_name -> text
      3. last\_name -> text
      4. email -> text
      5. phone -> double
      6. address -> text
   2. Discrepancy found in table.
   3. 10 rows found with no customer\_id in raw data
   4. 2 rows found with no first\_name in raw data
   5. 7 rows found with no last\_name in raw data
   6. 15 rows found with no email in raw data
   7. 5 rows found with no phone in raw data
   8. 1 rows found with no address in raw data
8. **“kyc”**
   1. Table includes 4 columns ( kyc\_id, customer\_id, aadhaar\_number, kyc\_status ) and 500 rows.
      1. kyc\_id -> int
      2. customer\_id -> int
      3. aadhaar\_number -> bigint
      4. kyc\_status -> text
   2. No discrepancy found in table.
9. **“loans1”**
   1. Table includes 6 columns ( loan\_id, customer\_id, loan\_type, loan\_amount, interest\_rate, loan\_status ) with 564 rows however only 549 rows got imported in sql.
      1. loan\_id -> double
      2. customer\_id -> double
      3. loan\_type -> text
      4. loan\_amount -> double
      5. interest\_rate -> double
      6. loan\_status -> text
   2. Discrepancy found in table.
   3. Found 14 rows found with no loan\_id in raw data.
   4. Found 15 rows found with no customer\_id in raw data.
   5. Found 15 rows found with no interest\_rate in raw data.
   6. Found 1 row found which is only having loan\_amount in raw data.
10. “payments”
    1. Table includes 3 columns ( payment\_id, loan\_id, payment\_amount ) with 2000 rows. However only 500 records are imported. 🡺 **need to check this**
       1. payment\_id -> int
       2. loan\_id -> int
       3. payment\_amount -> double
    2. No discrepancy found in table
11. **“Transactionsdata”**
    1. Table includes 4 columns ( transaction\_id, account\_id, transaction\_type, amount ) with 2061 rows and all are imported in sql.
       1. transaction\_id -> int
       2. account\_id -> int
       3. transaction\_type -> text
       4. amount -> double
    2. No discrepancy found in table

**Identified Relationships Between Files**

1. “accountsdata” can link to “transactionsdata” via account\_id.
2. “accountsdata”, “customersdata”, “kyc”, “loans1” these tables can link via customer\_id.
3. “accountsdata” can link to “branches” via branch\_id.
4. “loans1” can link to “payments” via loan\_id.