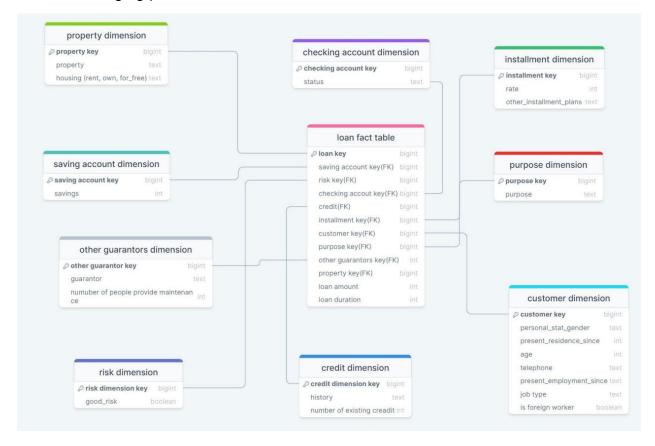
Git link:

https://github.com/SuperChentao/creditDataProcessing

schematic staging plan



All the data from the same data source: German Credit Scoring Data

https://www.kaggle.com/datasets/elsnkazm/german-credit-scoring-data

(discussed with TA, single abundant data sources is acceptable)

the source data is well organized (binning, label) already, but I just carried out data cleaning procedure for the raw data. From the data source description, I grabbed the valid values/range for each column and applied the filters (made by valid values) to them, for example:

```
# remove out range value other_installment_plans
other_installment_plans_values=['none', 'bank', 'store']
df=df[df['other_installment_plans'].isin(other_installment_plans_values)]
```

And delete missing data row (if any). I deleted them because there were enough data:

```
Check for null value

df=df[~df.isnull().any(axis=1)]

v 0.0s
```

I also separate some columns to better organize the data in data mart:

After creating and relating all the dimensions and fact table, I created database instance and load the data into it:

