Machine Learning Project I

Req. csv Files [Streamlit website]

① APP_data_all.csv (house selector page and attempt to connect to model)
→ map_data

columns: PID, x_merc, y_merc, Neighborhood, Sector, SalePrice, latitude, longitude, le_Neighbor, le_Sector, MSSubClass, YearBuilt, YearRemodAdd, OverallQual, Prop_Addr, GrLivAre

② model_data.csv (model baseline house sqft and other features reactive to user selection)

columns: PID, MSSubClass, Foundation, PavedDrive, BsmtUnfSF, AllBathBsmt, AllBathAbv, HeatingQC, Neighborhood, YearBuilt, SalePrice, GarageCars, PorchArea, GoodLivArea, CentralAir, KitchenQual, ExterQual, BsmtCond, FireplaceQu, GarageQual, HasPool

'house_data'

③ page_3_data.csv ~~→~~ page_3_data (update page 3)

columns: [index], MSSubClass, Foundation, PavedDrive, BsmtUnfSF, AllBathBsmt, AllBathAbv, HeatingQC, Neighborhood, YearBuilt, SalePrice, GarageCars, PorchArea, GoodLivArea, CentralAir, KitchenQual, ExterQual, BsmtCond, FireplaceQu, GarageQual, HasPool

④ pickle_base.csv → pickle_data → pkl_data
(house selection working and started renovation prediction settings)

columns: PID, AllBathAbv, AllBathBsmt, BsmtCond, BsmtUnfSF, CentralAir, ExterQual, FireplaceQu, Foundation, GarageCars, GarageQual, GoodLivArea, HasPool, HeatingQC, KitchenQual, MSSubClass, Neighborhood, PavedDrive, PorchArea, SalePrice, YearBuilt