

Conclusions

In this practical work, the functionality of the Tableau Prep and Tableau Desktop software product was used.

A dataset was downloaded from Kaggle and cleaned before usage inside Tableau Prep environment (cleaned unnecessary columns, columns with a big amount of missing values; imputed columns rows with lower amount of missing data) and exported to Tableau Desktop for analysis and visualization tasks. Based on the information in these dataset, various dashboards with charts, graphs and maps on various topics were created (extracted basic statistics, analyzed basic tendencies and trends).

So, Tableau Desktop + Tableau Prep is a powerful tool for data processing and analyzing pipelines. Various charts are created here much easier than in Excel, data can be cleaned and fixed using this pipeline without any additional changes, which makes it more practical in usage than Excel.

PURPOSE

This can be particularly useful for real estate investors or city planners interested in understanding which areas are appreciating in value. From this perspective, we can see that everything has a lot of unstable moment over years, but with BrkSide Neighborhood, prices are higher and number of sales cases are bigger.