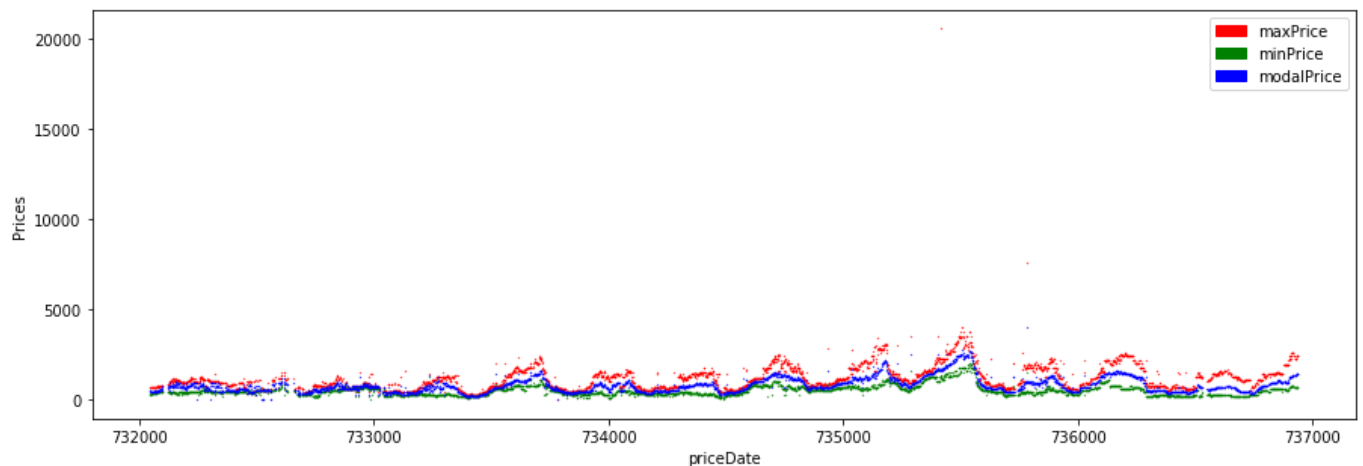


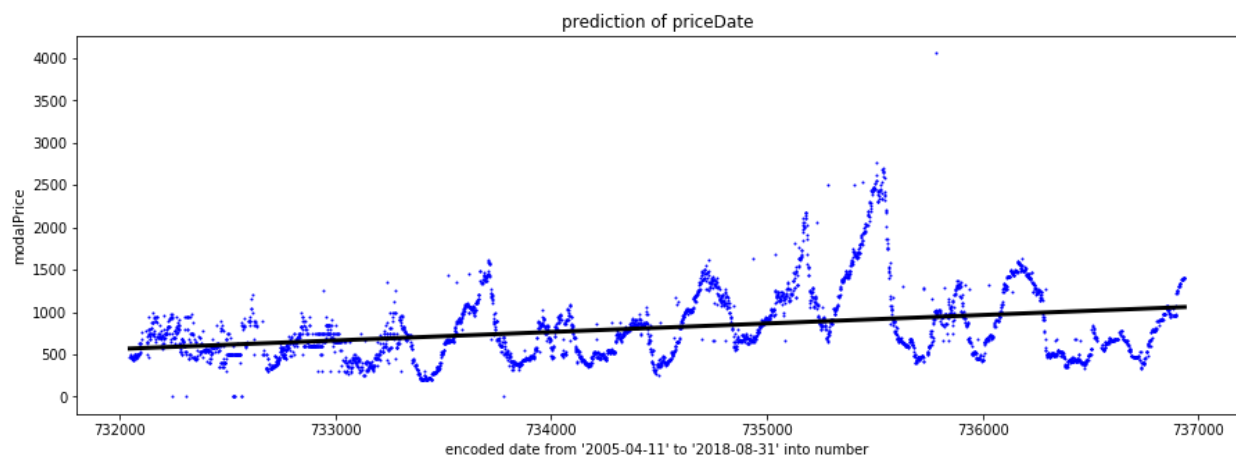
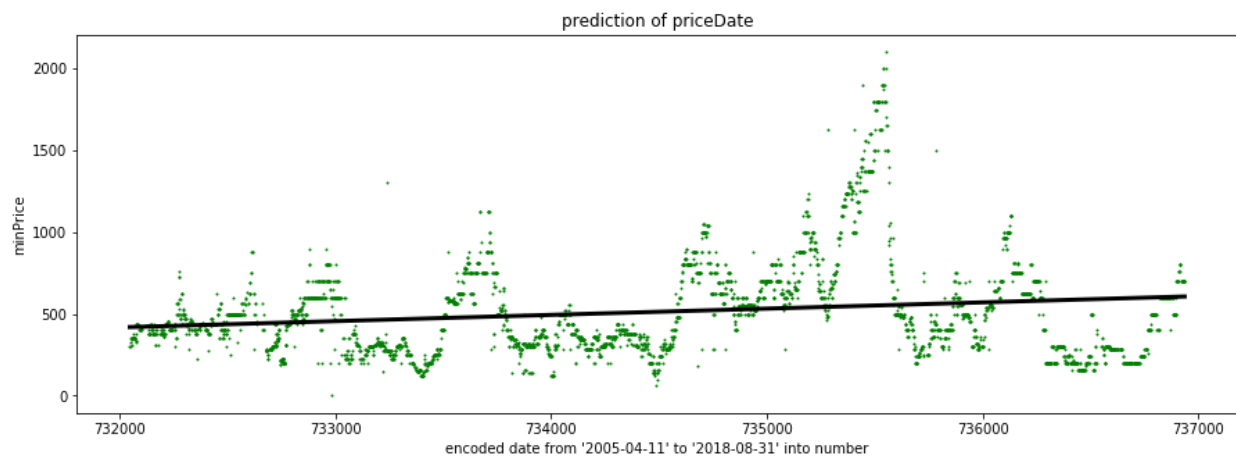
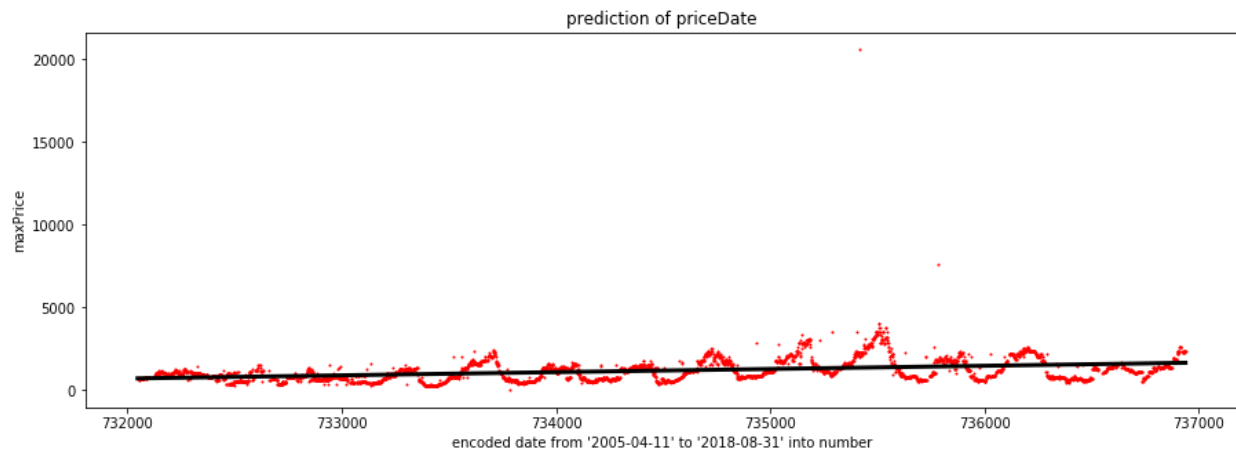
KrishiHub

1. I created the file in jupyter notebook. And the file name is “prediction.ipynb” and code executed under linux system(ubuntu).
2. The library i used
 - a. numpy,
 - b. pandas,
 - c. matplotlib,
 - d. csv,
 - e. datetime,
 - f. sklearn
3. I used python3 in jupyter notebook.
4. Running instruction.
 - a. All the library should be preinstalled which i used.
 - b. Keep the file “prediction.ipynb” and “azd.csv” at same place.
 - c. Open jupyter notebook by writing “jupyter notebook” on terminal.
 - d. It is better to keep both file in home directory.
5. The new file is created after running the code named “PredictedPrice.csv” which keeps the prices of their corresponding columns name “priceDate”, “maxPrice”, “minPrice”, “modalPrice”.
6. I used scikit learn to train our model “LinearRegression”.
7. First i plotted all the data in the same figure.



8. And then i predicted all linear model separately for every prices.

- a. maxPrice(red scatter)
- b. minPrice(green scatter)
- c. modalPrice(blue scatter)



9. Finally the predicted value is stored in “PredictedPrice.csv” file at the same place where “prediction.ipynb” is placed.
10. The algorithm can be improved by using polynomial regression. So that our prediction will become more accurate.