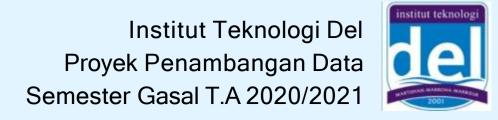
Drugs Recommendation Using K-Nearest Neighbor Algorithm



Dodi Sanjaya Butarbutar Jovan Pioma Pakpahan **Rizky Marganda Sitohang** Chatrin

https://github.com/chatrinpandiangan /Drugs-Recommendation-Using-K-Nearest-Neighbor-Algorithm

Define Objective and Requirement, Resources that required

Prepare Strategy, Design the Goal and Project Plan •

- Tahap terakhir metodologi CRISP-DM
- Pada tahap ini dijelaskan mengenai perencanaan fase penyebaran atau penggunaan model yang sudah dihasilkan, perencanaan pemantauan dan pemeliharaan



Business Understanding





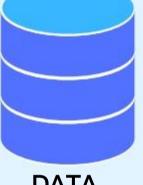
- Collect Initial Data: data train & data test
- Describe Data : nominal, numerikal, waktu
- Explore Data: EDA



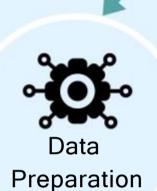
- Evaluate the Modelling KNN Result
- Using Confusion Matrix
- Evaluate the result, accuracy, precision, recall
- Fase Interpetasi terhadap hasil Data Mining, dengan tujuan agar hasil pada tahap modelling sesuai dengan yang diharapkan



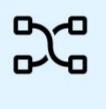
Evaluation



DATA

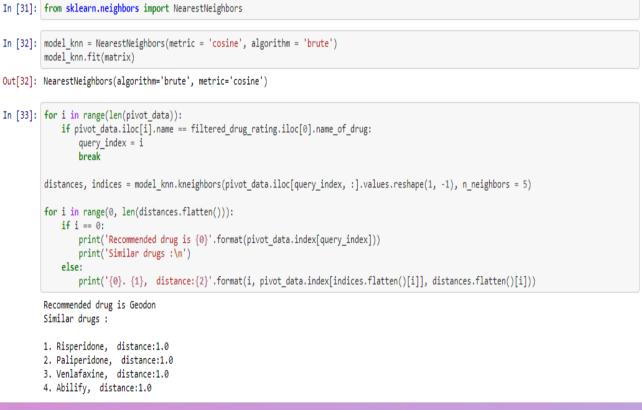


- Data Cleaning
- Data Reduction
- Data Preprocessing

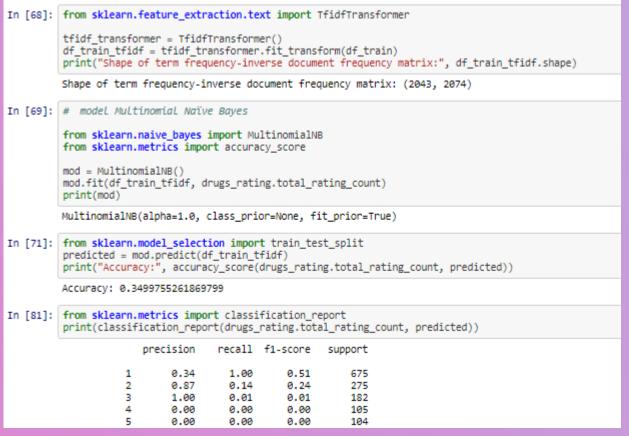


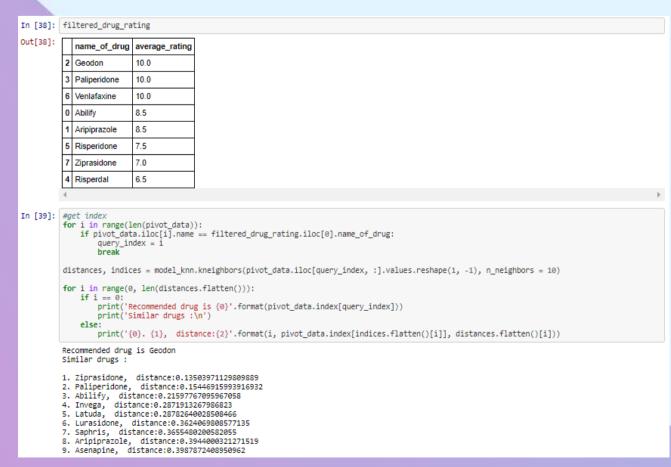
Modelling

- Selec Modelling **Technique**
- K-Nearest Neighbor



KNN Modelling by user rating





KNN Modelling by use case