



PENAMBAANGAN DATA

Pertemuan 2



Kode : SIT5255

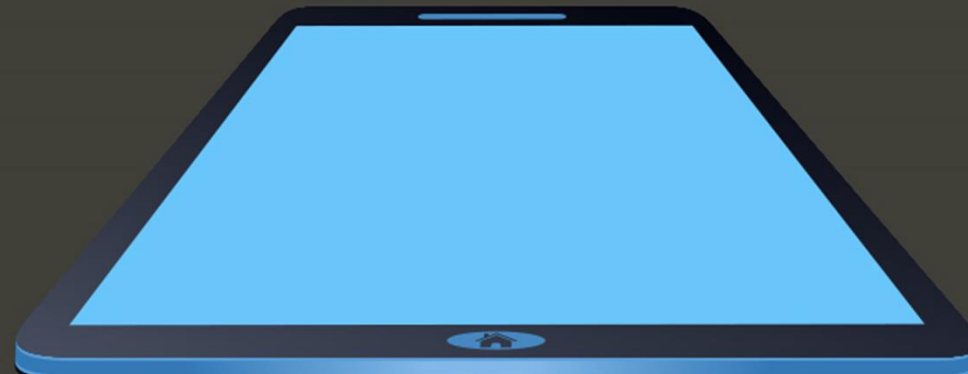
Bobot : 2 SKS

Dosen Pengasuh : Dr. Heny Pratiwi, S.Kom., M.Pd., M.TI



Mengenal Data

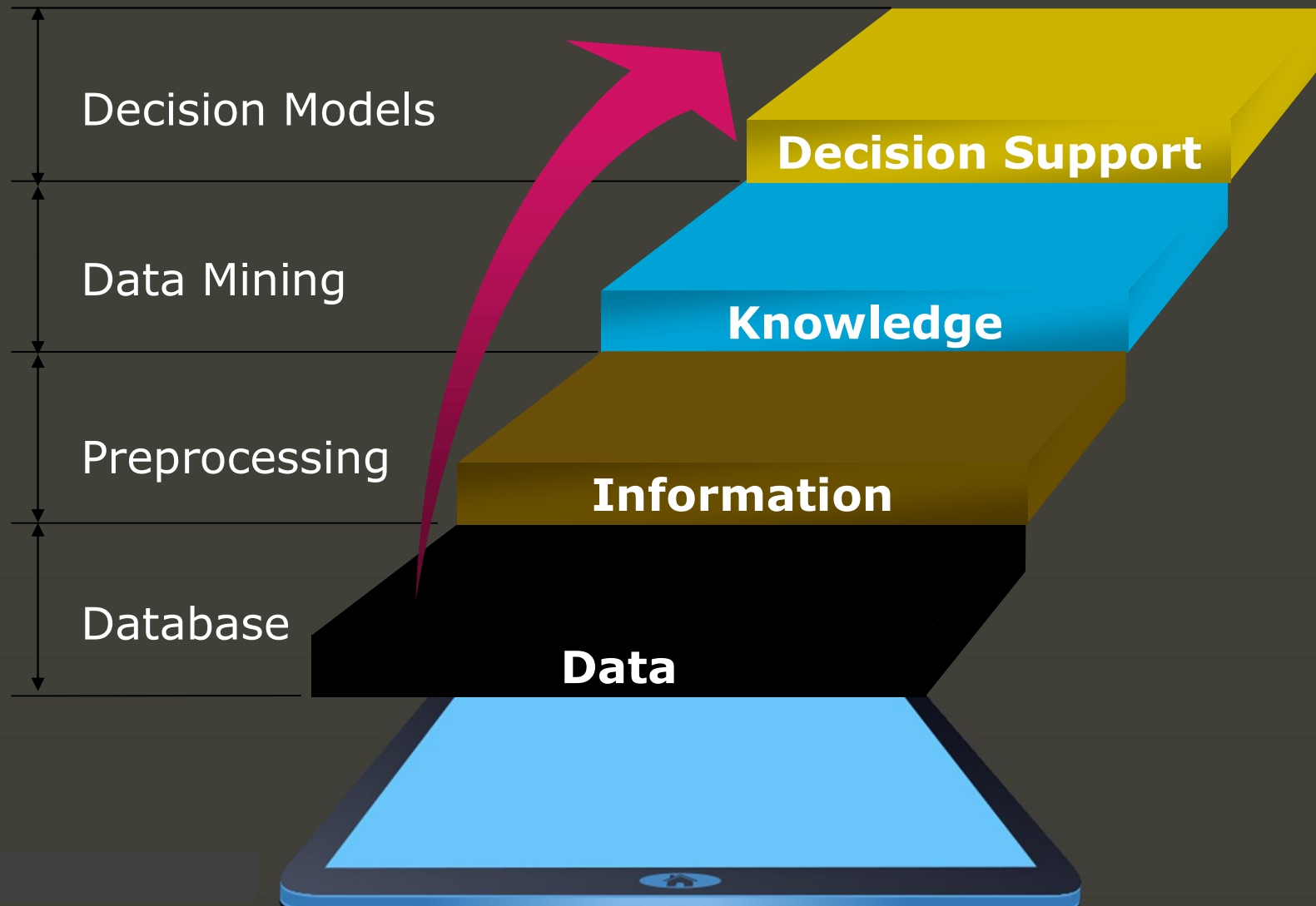
(Getting To Know Your Data)

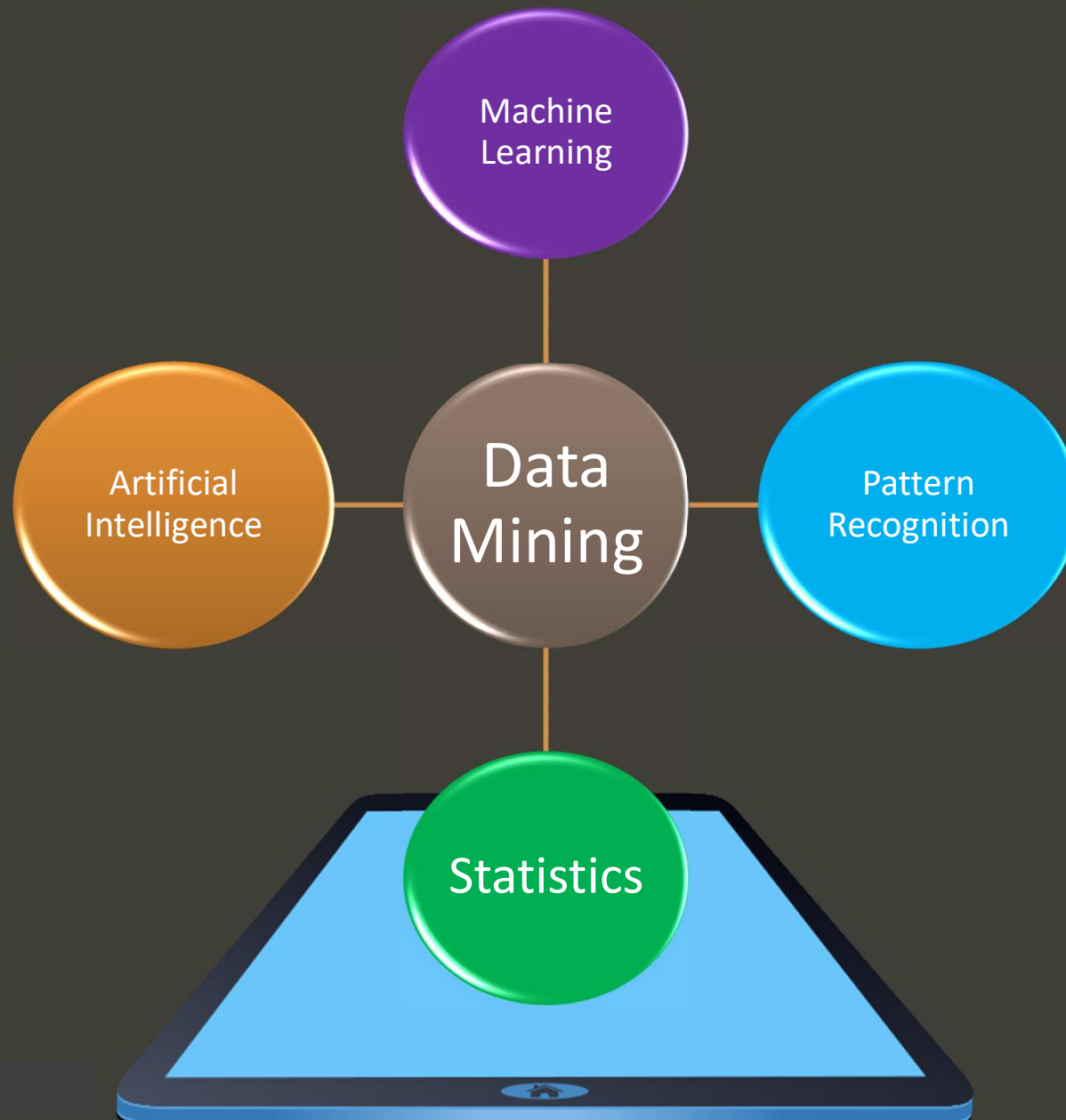


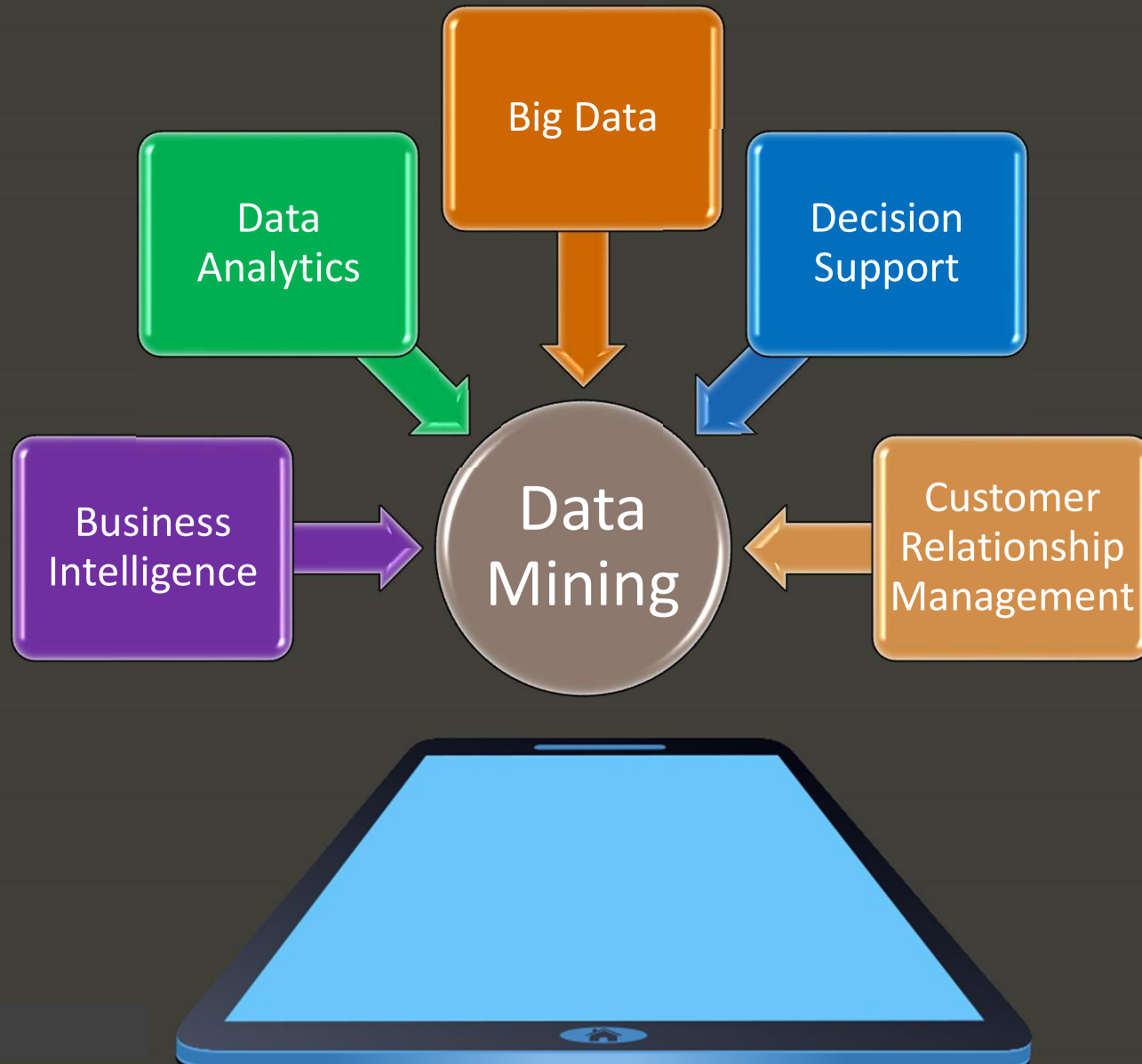


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Dari DATA ke KECERDASAN





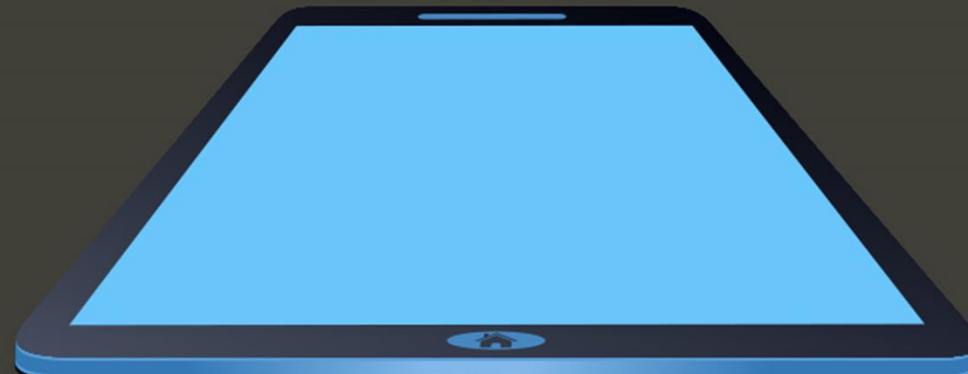




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Lalu, Apa itu

DATA MINING ??

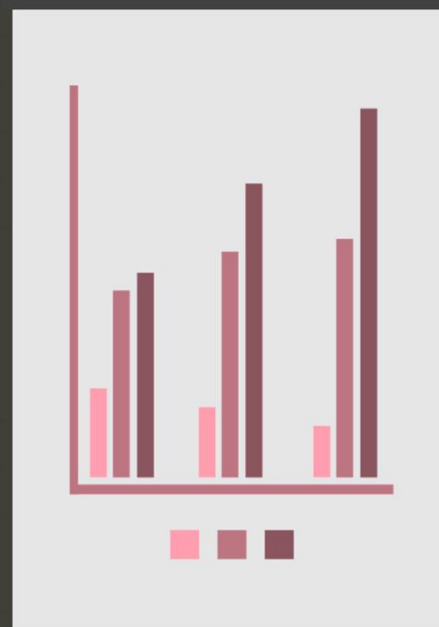




Nama Lain dari Data Mining

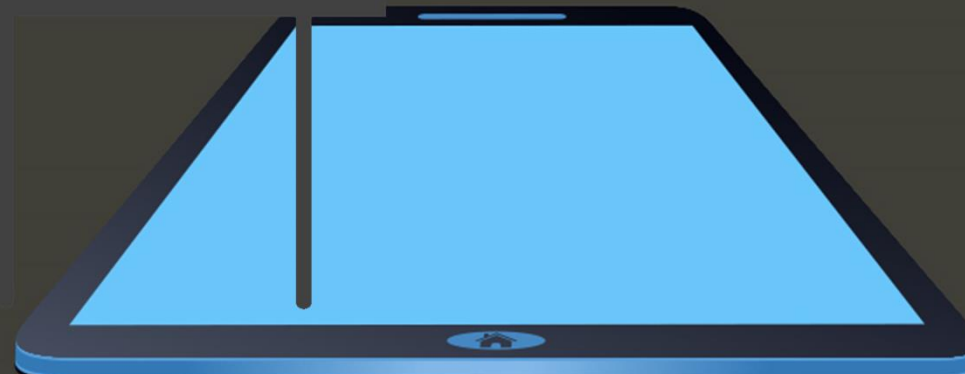


Fungsi Data Mining



Fungsi Deskriptif

Fungsi Prediktif

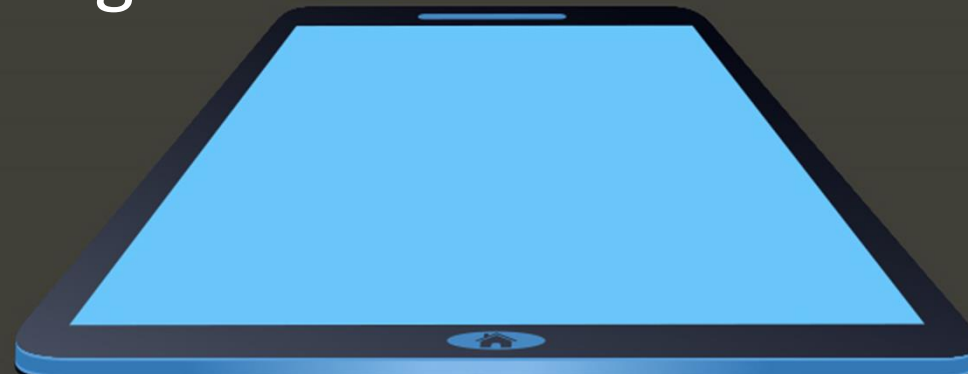




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Langkah-Langkah Pengambilan Data Mining

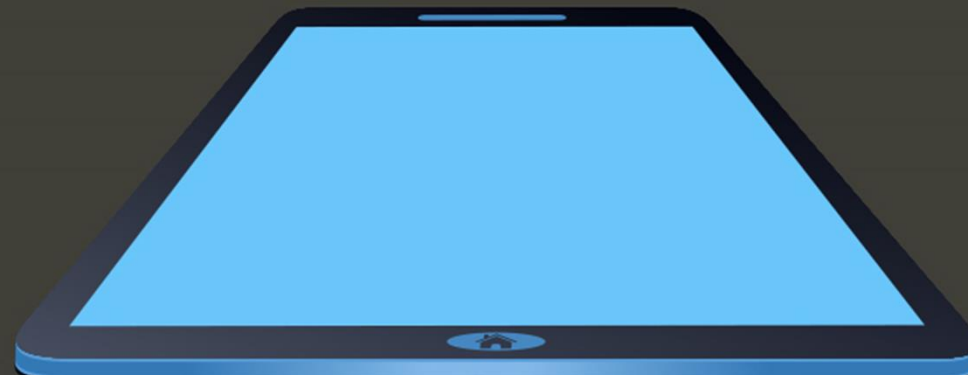
- Data Cleansing
- Data Integration
- Selection
- Data Transformation
- Data Mining





Langkah-Langkah Pengambilan Data Mining

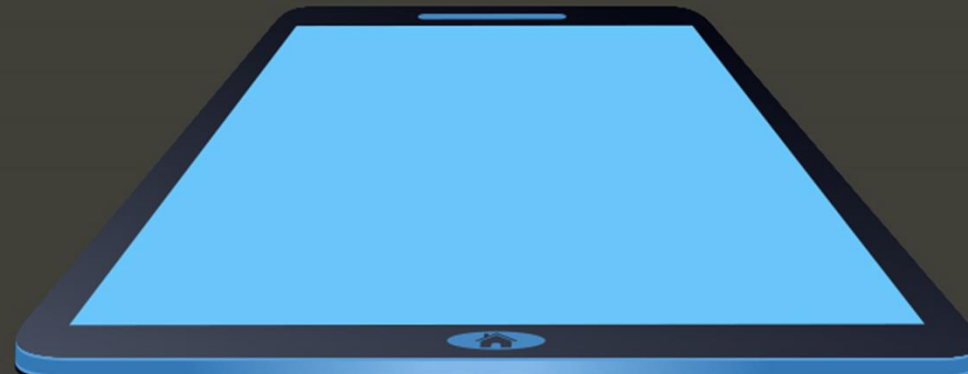
- Pattern Evolution
- Knowledge Presentation





Teknik Penambangan Data

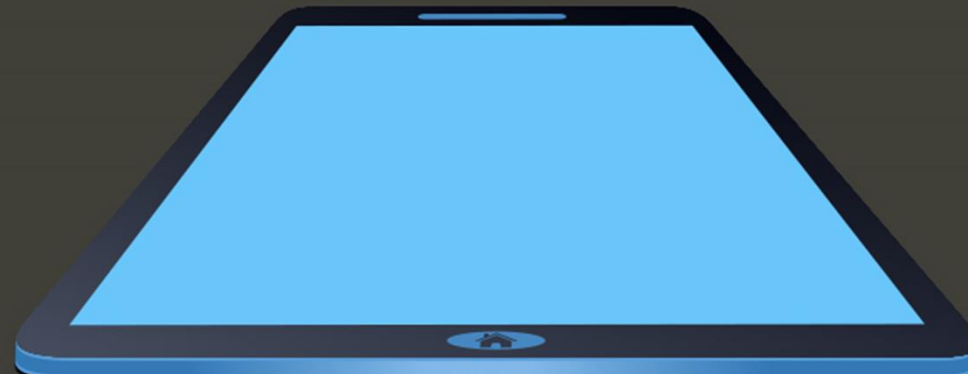
- Predictive Modelling
- Database Segmentation
- Link Analysis
- Deviation Detection





Teknik Penambangan Data

- Nearest Neighbour
- Clustering
- Decision Tree





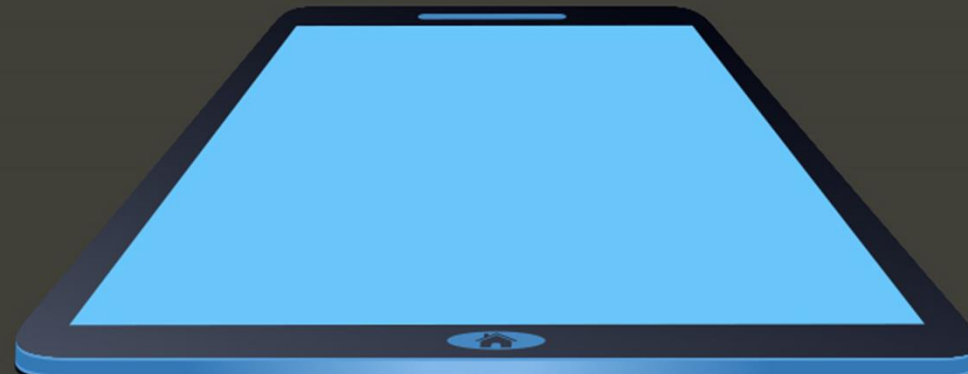
Bagaimana Cara Kerja Data Mining ??





4 Jenis Pola Utama DM :

- Association
- Predictions
- Cluster
- Sequential Relationship

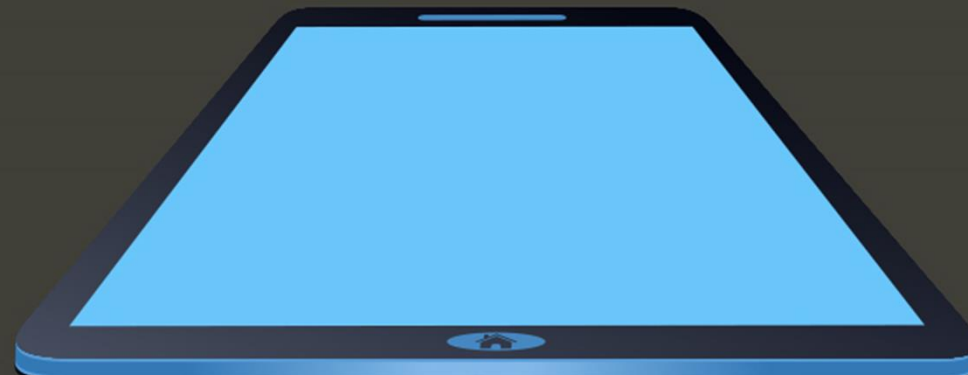




SUPERVISED LEARNING

VS

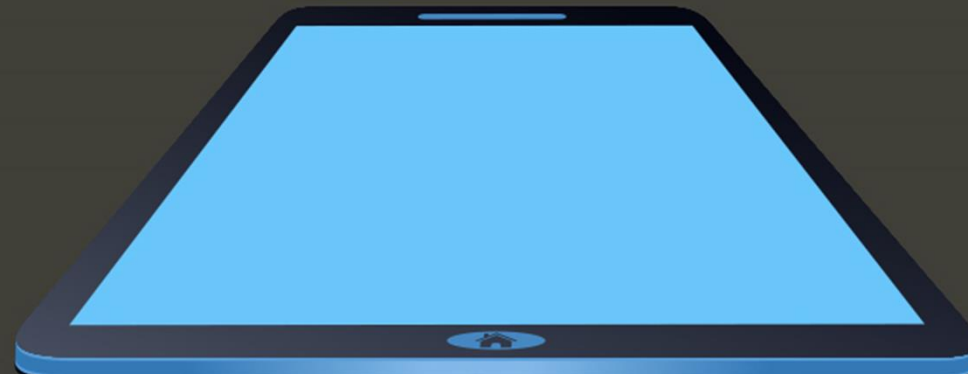
UNSUPERVISED LEARNING





Taksonomi Data Mining

- Prediction
- Classification
- Neural Networks
- Decision Tree
- Clustering
- Association

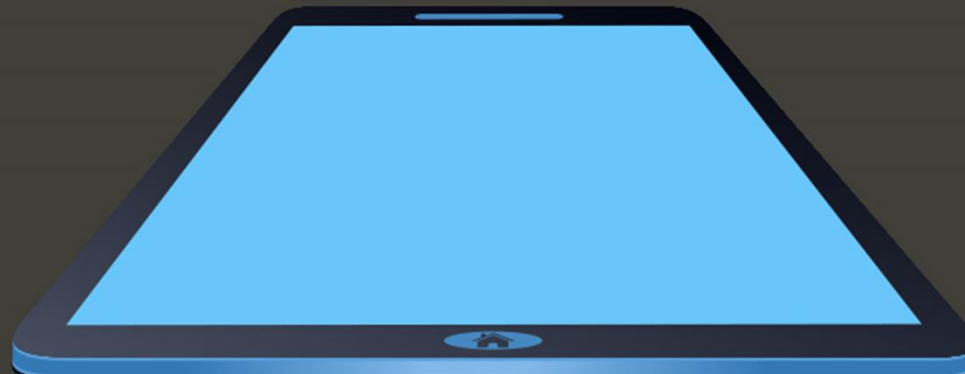




LINK ANALYSIS

&

SEQUENCE ANALYSIS



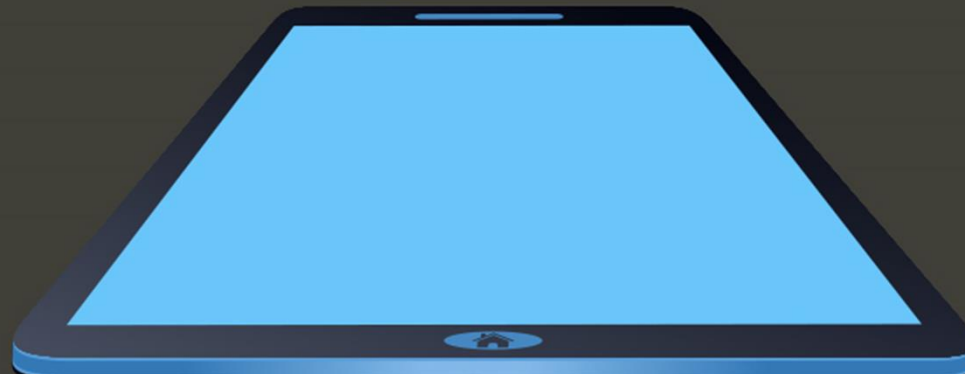


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Visualization

Time-Series Forecasting



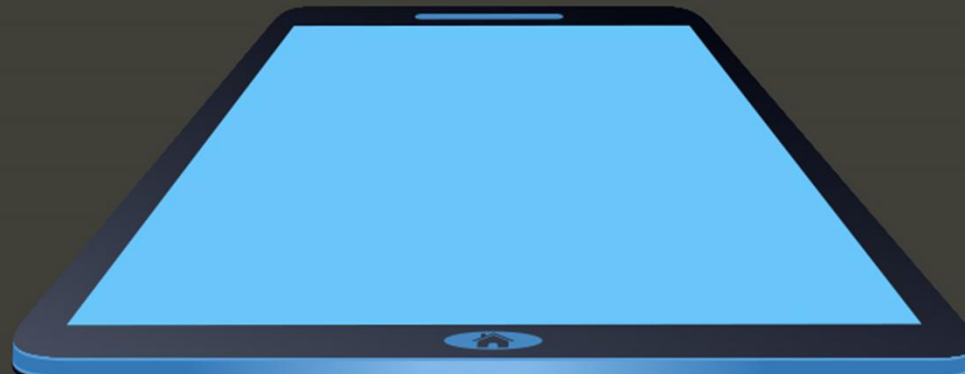


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Hypothesis

Discovery-Driven Data Mining





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Sekian &
Terima Kasih

