

A rather brief introduction to

What is Data Science?

Hi, my name is
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Instructor

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Solution for your academy project analysis

We strive to provide the best and optimal results according to your request 😊

Selengkapnya



{What can we do}



Face Recognition

Deteksi wajah secara realtime



Object Counting

Melakukan object counting secara realtime



Optical Character Recognition

Deteksi dan ekstraksi dokumen, text, id card dan lain-lain



Object Detection

Deteksi dan klasifikasi object secara realtime



Image Classification

Klasifikasi image berdasarkan label yang sudah ditentukan



Forecasting

Analisa data time series menggunakan berbagai metode forecasting



Classification

Klasifikasi data tabular menggunakan berbagai metode machine learning



Clustering

Klasterisasi data tabular dengan label yang sudah ditentukan

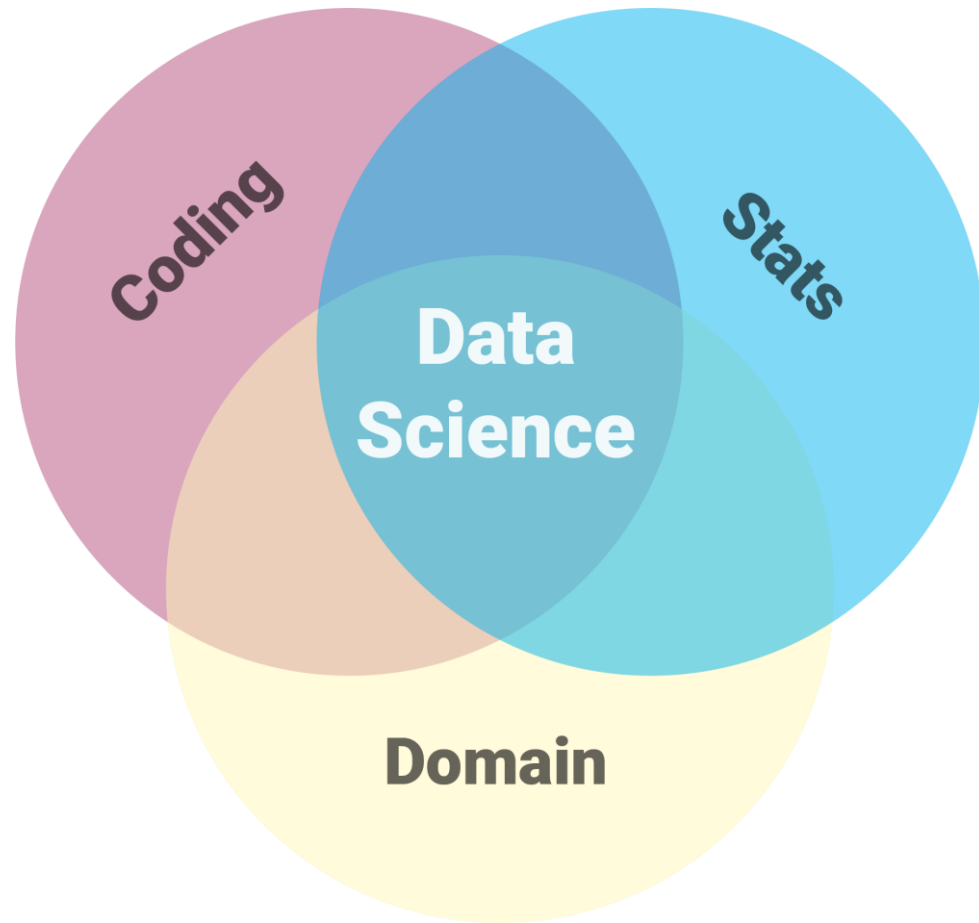


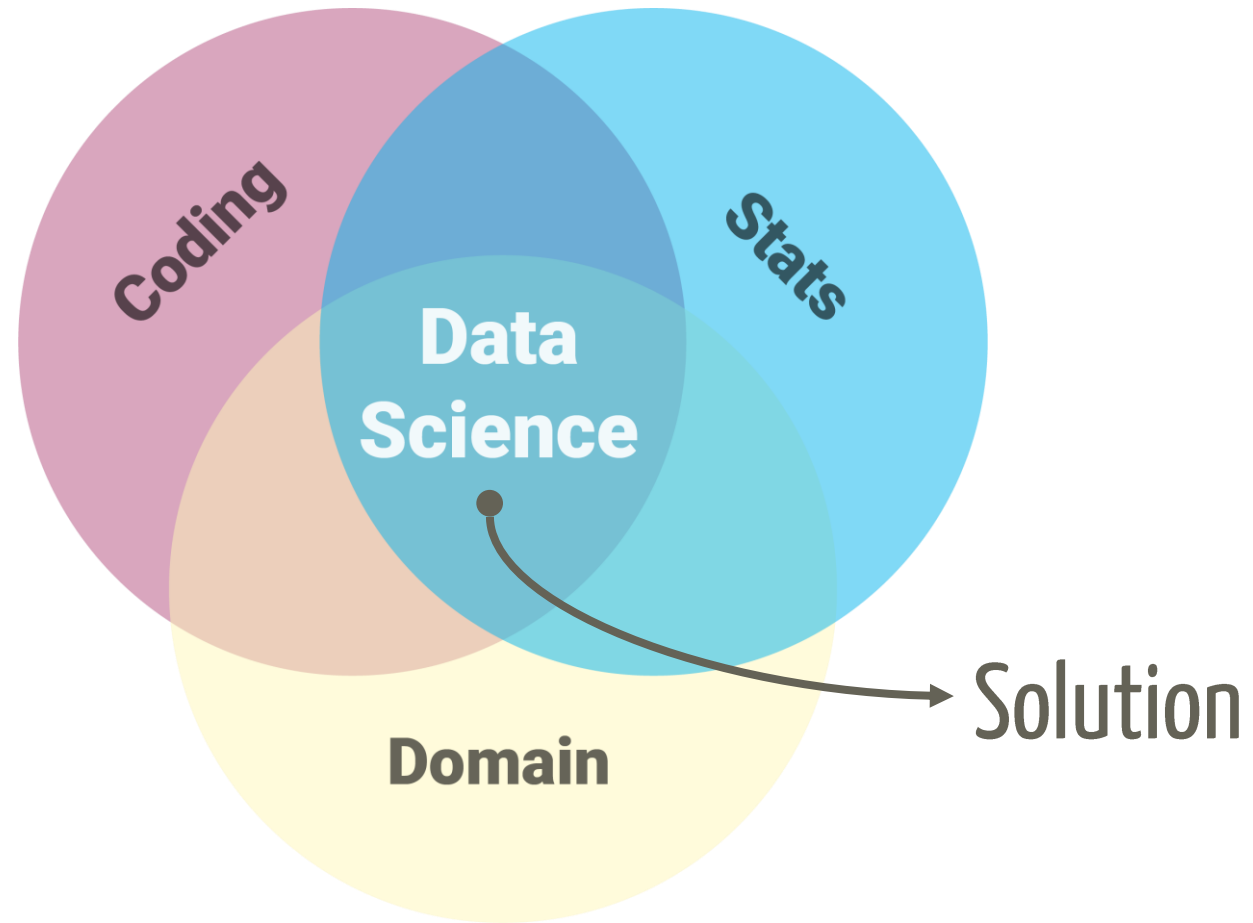
Data Mining

Scrapping dan collecting data menjadi data yang siap digunakan

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What is Data Science?





Solution

S
I
T
E
B
U

Dashboard

Prediksi

Manajemen Data

Form Prediksi

Kelurahan

Pilih Kelurahan

Luas Lahan (Ha)

200

Tahun

Pilih Tahun

Curah Hujan

301.4

PREDIKSI

Hasil Prediksi Panen

135477

Hasil Prediksi Rendemen

N/A

Akurasi Model

Random Forest

0.7456591117537809

Solution

Hate Speech Detector

Test your sentence

Raka hobi gombalin istri orang

Predict

HS

Hate Speech Detector

Test your sentence

Raka hobi gombalin istri sendiri

Predict

Non_HS

Solution

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Recommended



RAW COOKED SALAD


PIZZA HUT

14:27

Raw Cooked Food vs. Cooked Raw Food Taste Test

Good Mythical Morning

299K views • 7 hours ago




14:27

lofi hip hop radio - sad & sleepy beats

the bootleg boy

569 watching

LIVE NOW




UNDEFEATED

14:50

Undeatable! 10-0 Dragunity With Brionac and Zephyros! [Y...

Duel Links Meta

33K views • 1 day ago




5:23

Danilla Riyadi - Senja Di Ambang Pulu (Live At...

Bedjho Putra

5.4M views • 1 year ago




GING & PARISTON

11:52

Ging and Pariston Dark Continent Recap | Hunter X...


NewWorldReview



3:33

I went to WEST VIRGINIA just to play this song...

Davie504




STUDY Café

BGM channel

4:01:18

Relaxing Bossa Nova & Jazz Music For Study - Smooth Jaz...

Cafe Music BGM channel



OCTOBER 2019 UNBOXING!

9:34

October 2019: Lootaku Crate Unboxing! [Fan Faves 2]

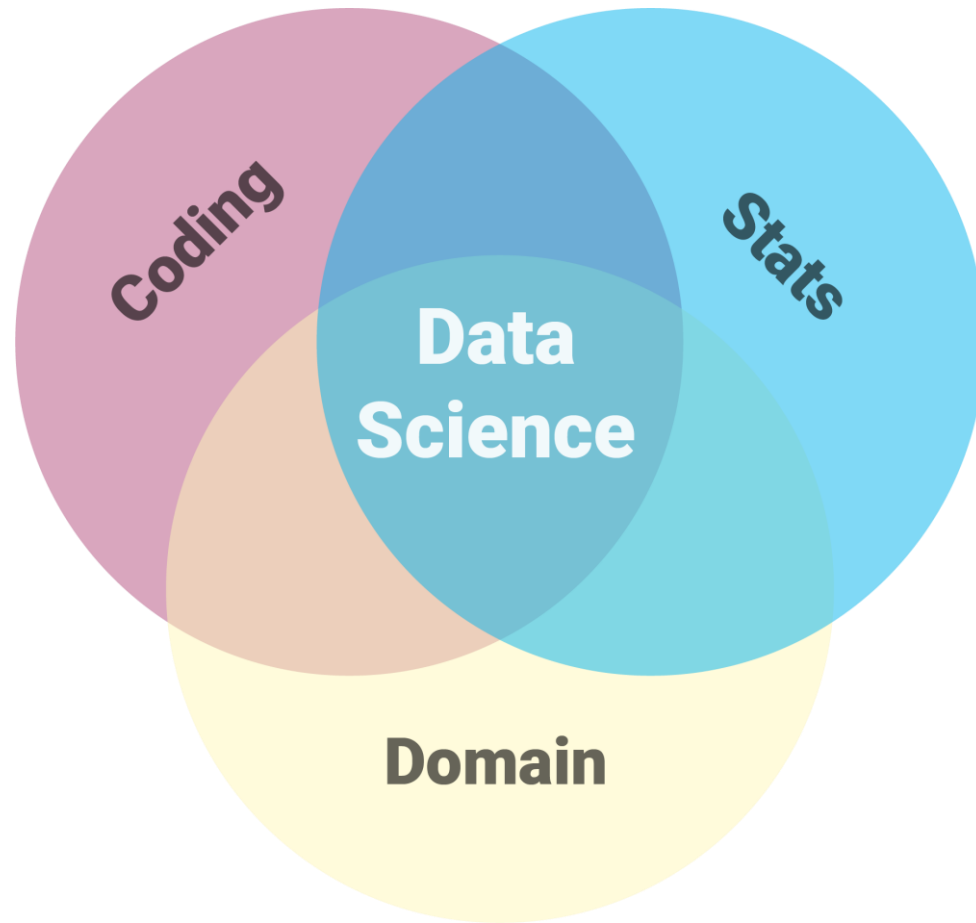
TGS Anime

Awesome! How to make it tho?



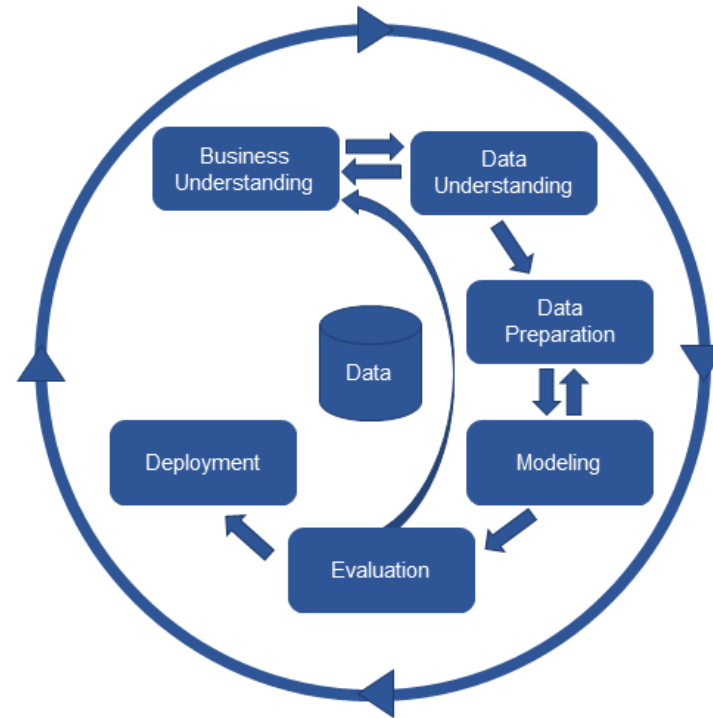
We Need Data!

And Skills!



And Workflow!

Cross-Industry Standard Process for Data Mining



Let's Start!

Data Gathering

Data Storage



Other Sources



Must Aligned with the Problems!

Data Exploration

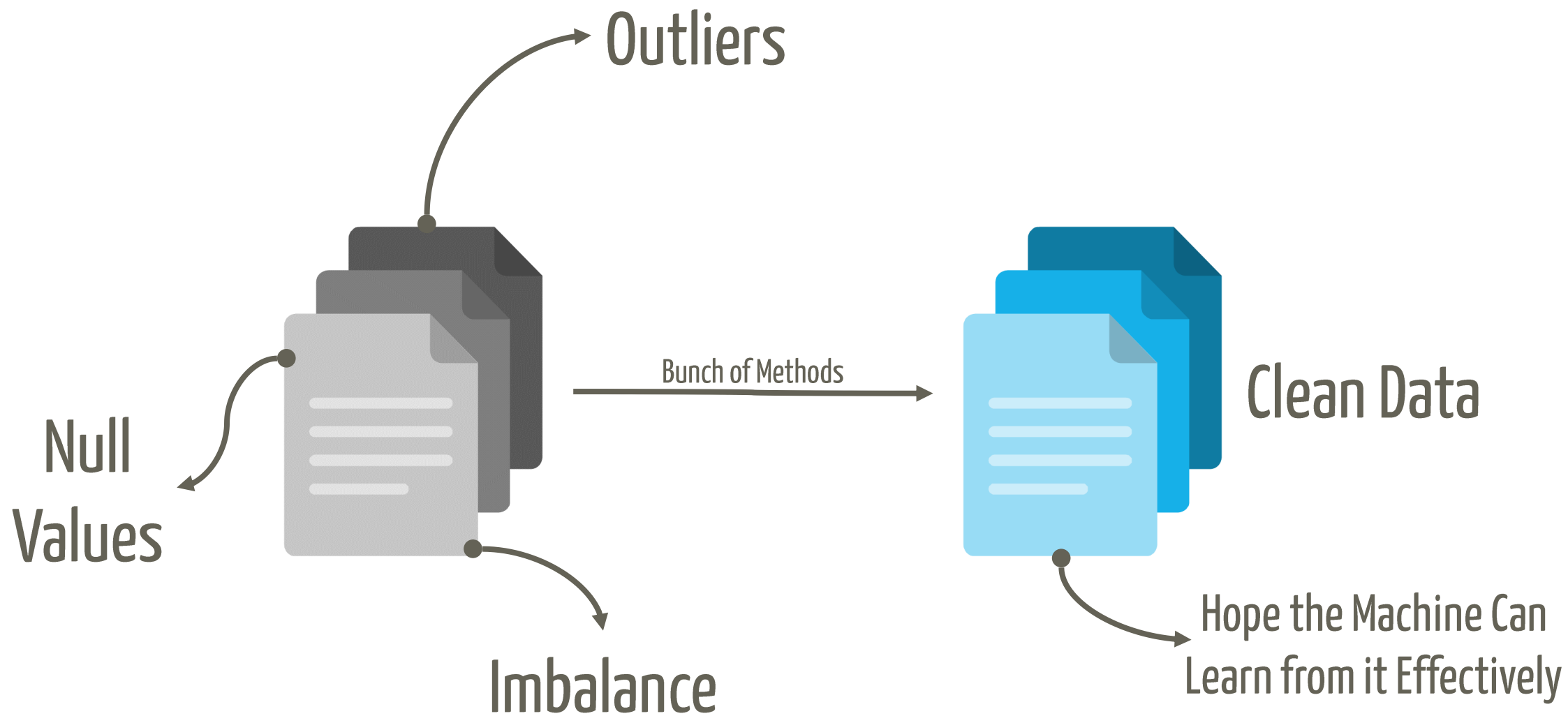
Statistical
Approach



Gain Insights

Characteristics
of Data

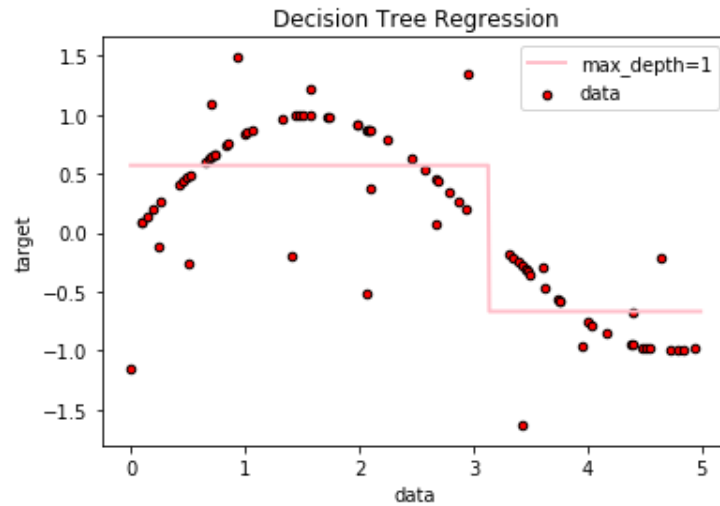
Data Preprocessing



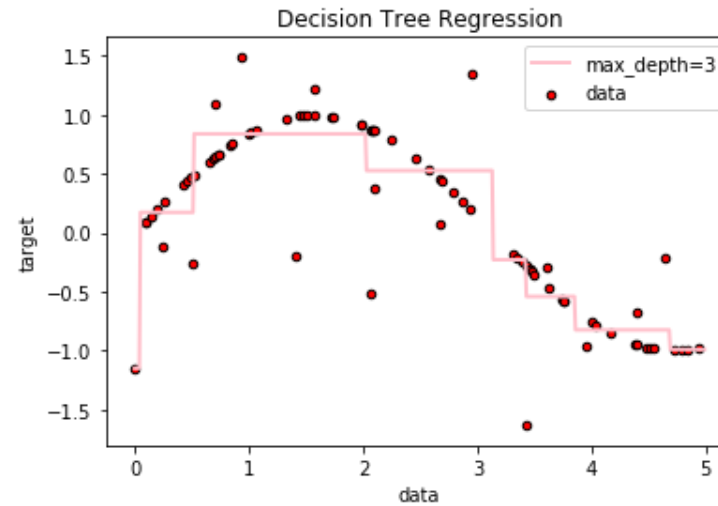
Data Modelling

Create a Model That Fit 'Nicely' to the Data

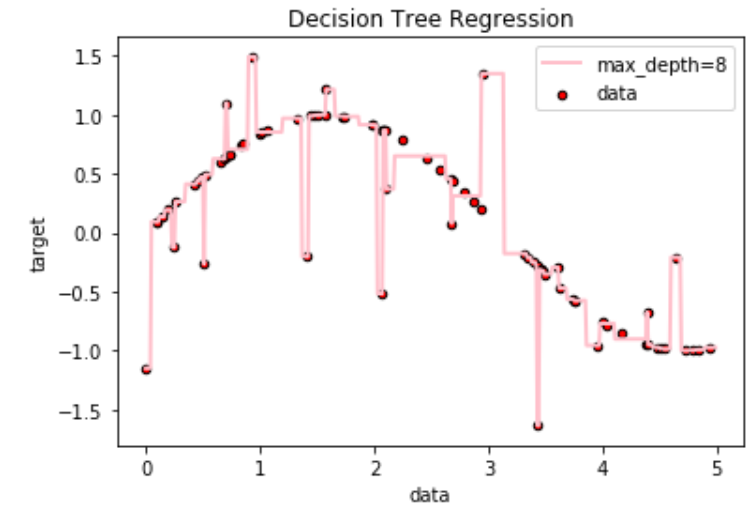
Underfit



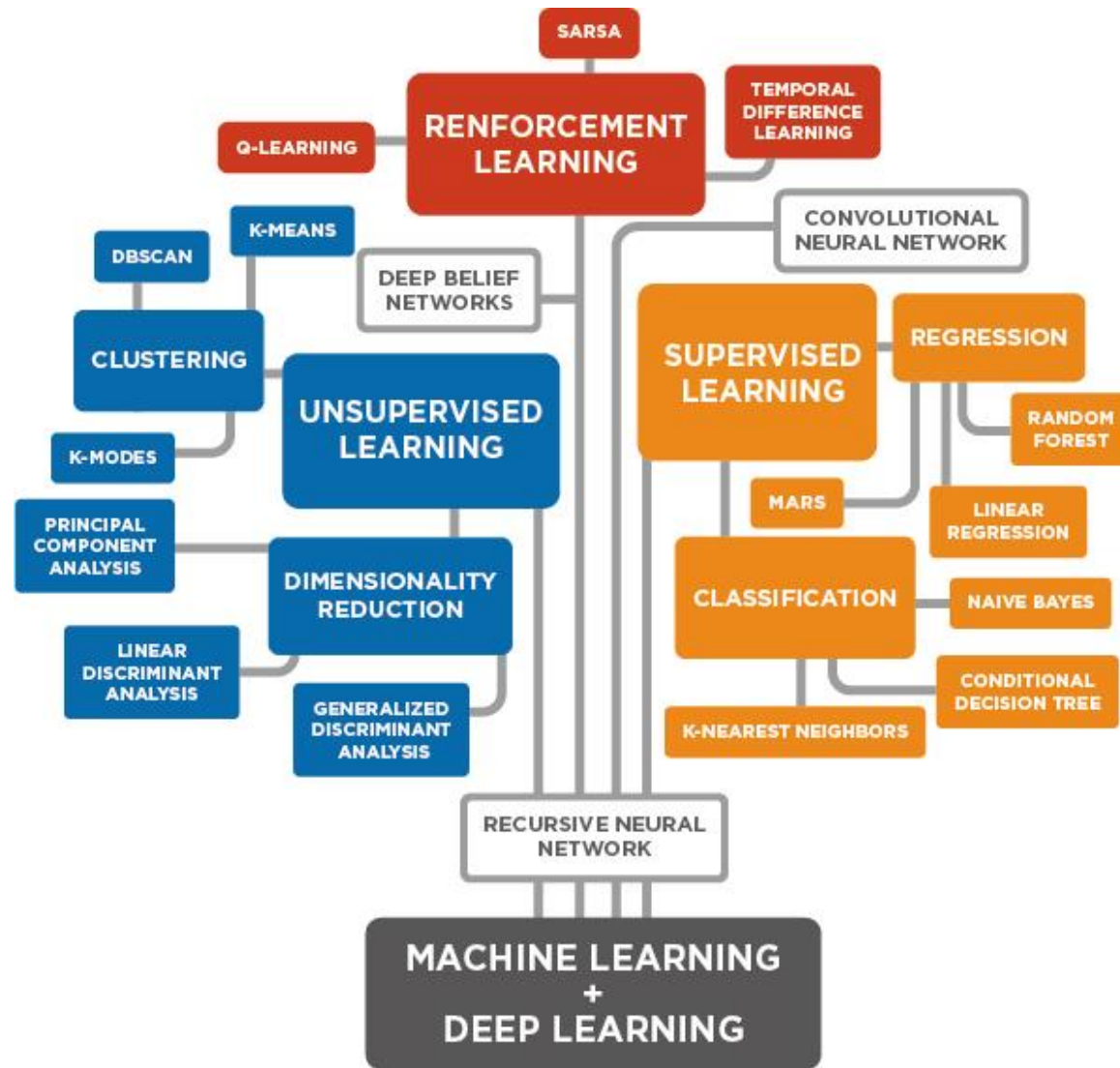
Good



Overfit



What Model?



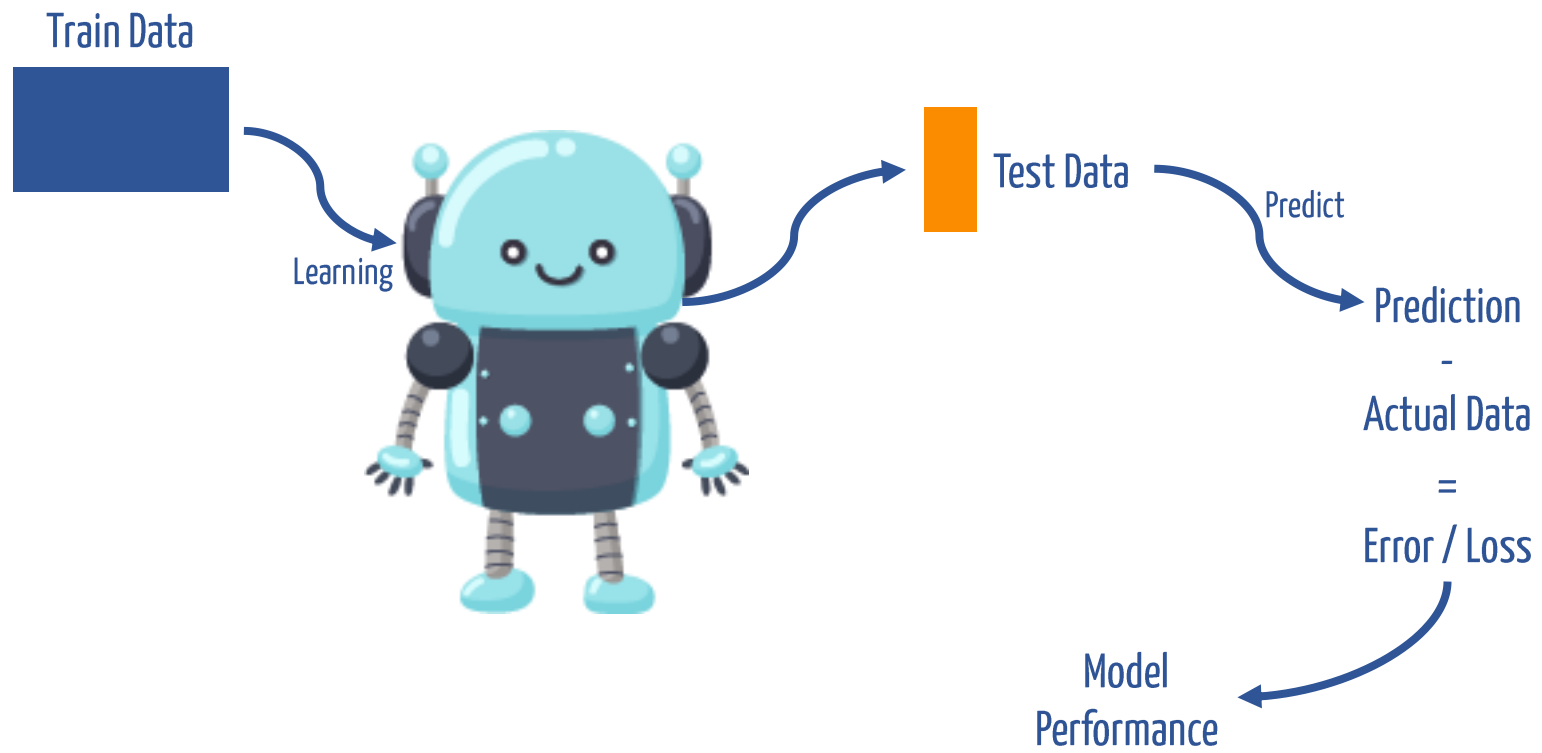
Model Validation

Dataset

Train Data

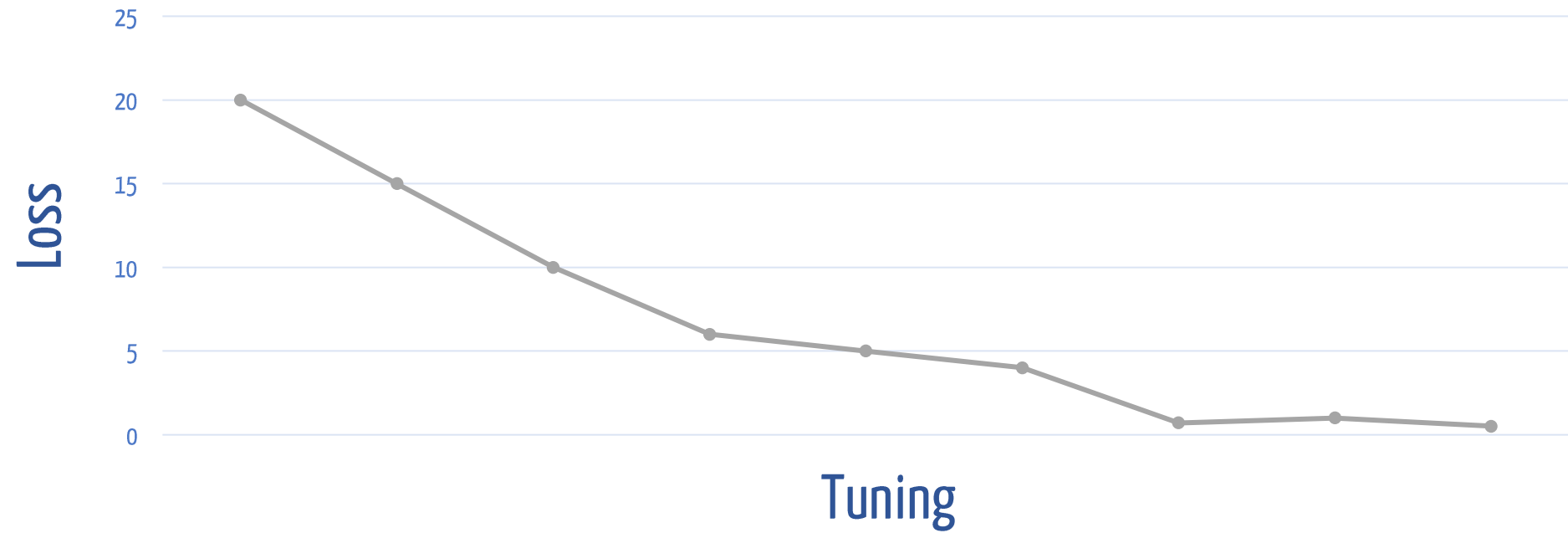
Test Data



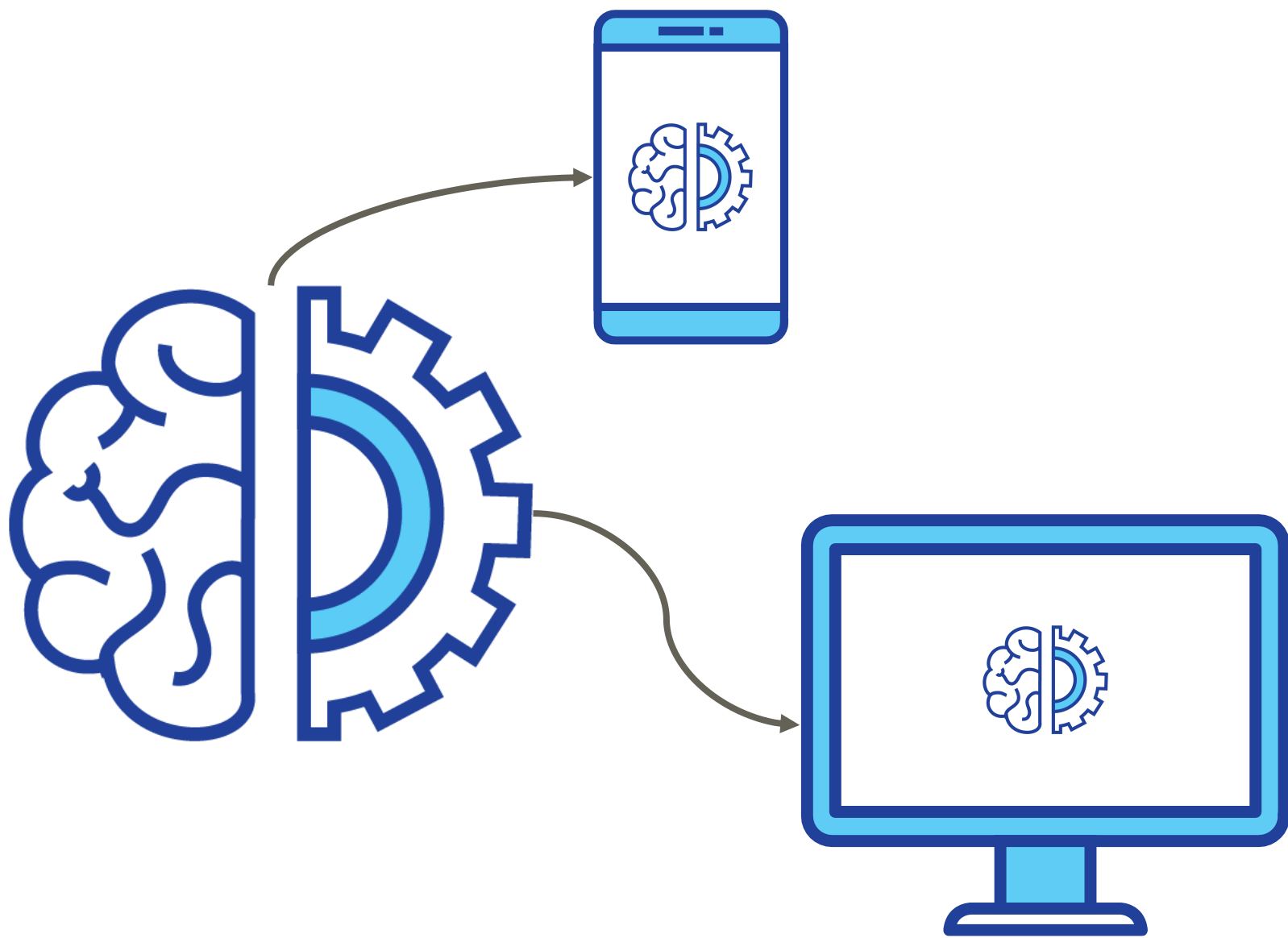


Model Optimization

Increase model performance



Model Deployment



Let's Code!

Bonus Tips!

For learners

- Do a lot of experiments
- Copy other people's work (and try to understand it of course...)
- Mastering data science workflow is a must
- Learn exploratory data analysis
- Learn maths (lol trust me on this)

That's all folks!

Always **Share** Your Knowledge!



Contact Me

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