A man with a beard and glasses is shown from the chest up, looking extremely shocked or surprised. His eyes are wide open, and his mouth is agape. He is holding a black smartphone in front of him. The background is dark and slightly smoky.

STATE OF THE ART MODELS AND DATASETS

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State of the art (SOTA)

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- The State of Art means, It is the latest/high-end version of that particular technology. Can also be referred as, It is the best available technology as it has been developed using most modern techniques and technologies!
- It means that the method beats its competitors on a particular set of problems.
- For instance, KNN regression ensembles handily beat their opponents and would be considered state-of-the-art for regression problems

Type



NLP

models

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BERT

XLNet

RoBERTa

ALBERT

StructBER

T5 (Text-to-Text Transformer)

GPT - 3

Type



Computer vision

models

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DenseNet-201

Inception-v4

Inception-ResNet-v2

Xception

SSD Inception-v2

Faster R-CNN NasNet

SDN-M2* + COCO + MS

Type



Computer vision

models

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DeepLab_v3-Xception-65 + COCO

PNASNet-5-Large

NASNet-A-Large

DORN (ResNet)

Text

datasets

20 news group

Reuters news

Wordnet

Wiki QA corpus

UCI spam base

Self Driving

datasets

Waymo open data

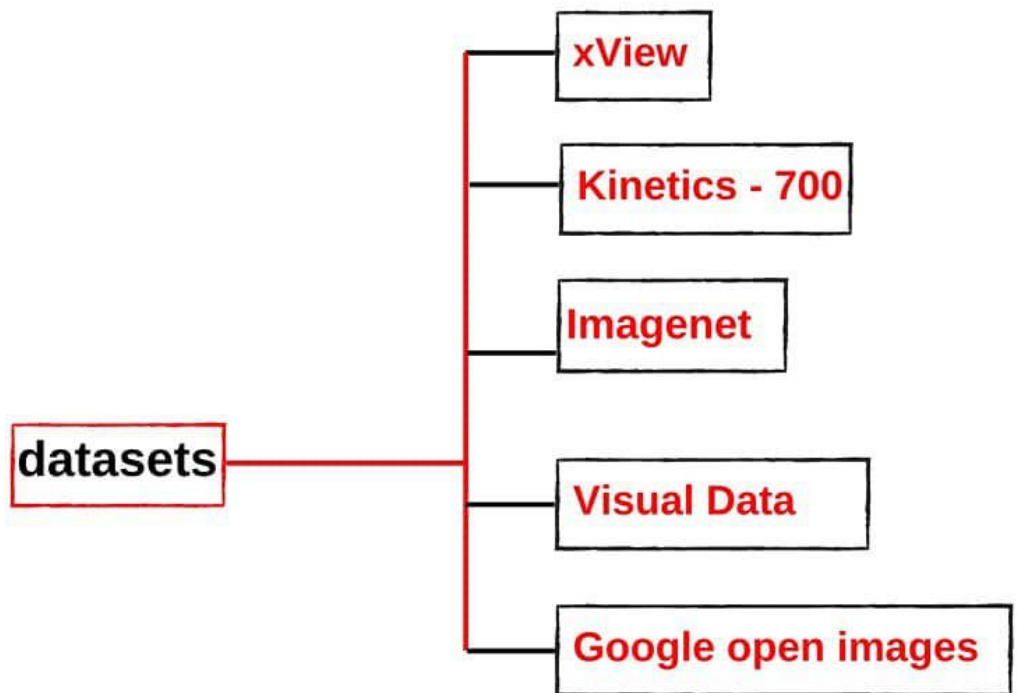
Bosch small traffic

Berkely deep drive

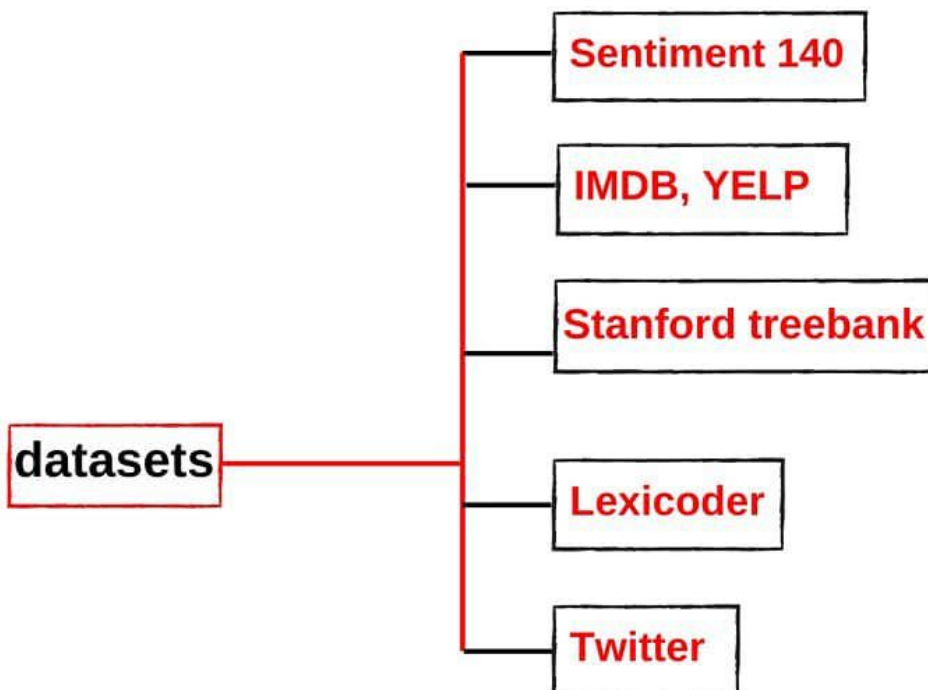
Lara traffic

WPI datasets

Computer vision



Sentiment analysis



Audio

models

Libri speech

Timit

2000 Hub5 english

Spoken wiki corpus

Free music archive

Million song dataset

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NLP

models

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Hotspot AQ

Amazon reviews

Rotten tomatoes

Google books N-grams

GutenBurg

SMS spam

Jeopardy

Blogger corpus