Machine Learning Novice

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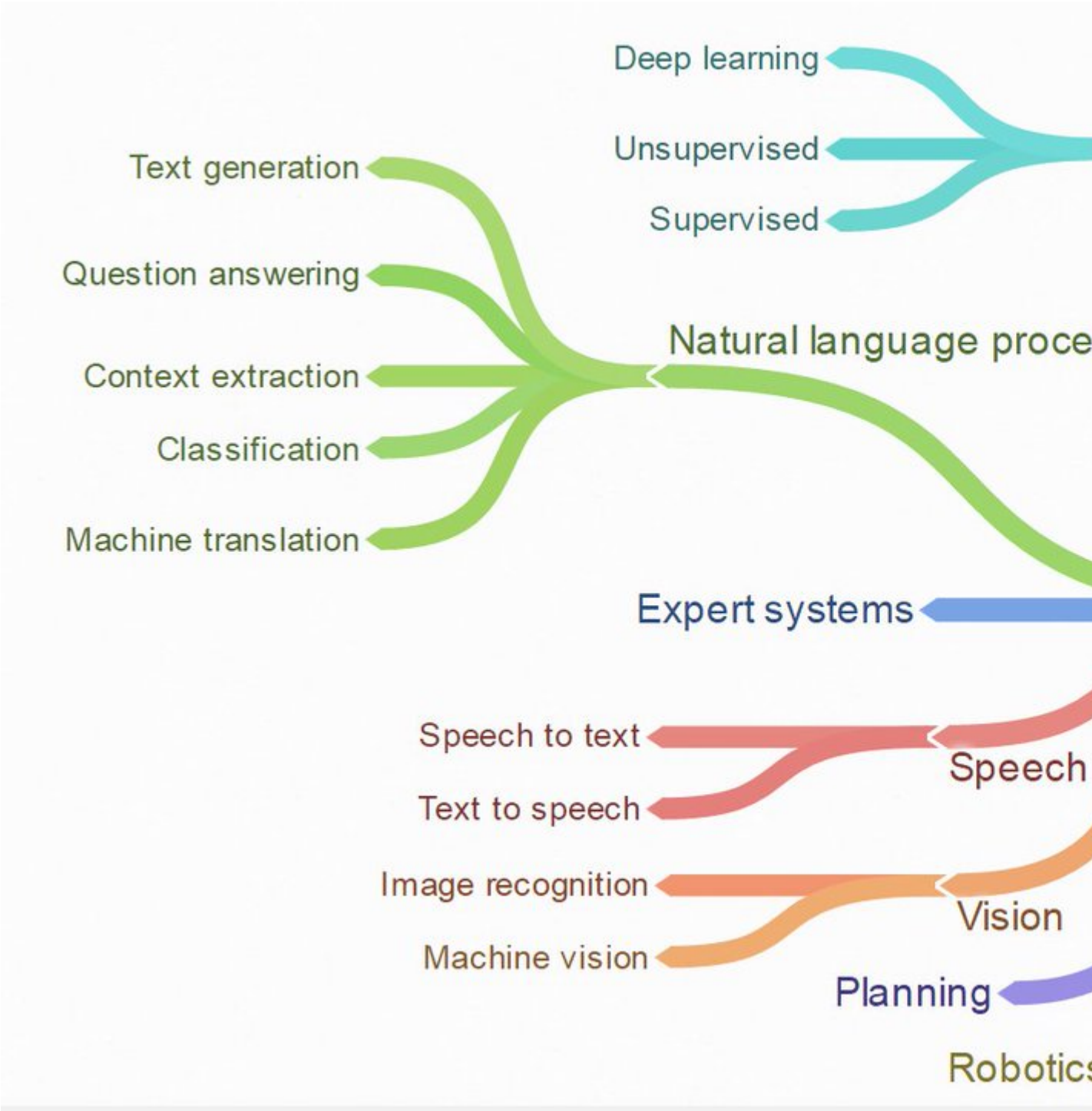
Requirements

- `Python version >= 3.5`.
  - `Numpy` - A powerful N-dimentional array object.
  - `Pandas` - Easy-to-use data structures and data analysis tools.
  - `Matplotlib` - A 2D plotting/ visualization library.
  - `Scikit-learn` - Machine Learning Library.
  - `Tensorflow >=2.0.0`- Machine learning Framework/
  - `Keras`- Open source neural network library written in python

Numpy, Pandas, Matplotlib, Scikit-learn can be installed through Anaconda distribution

Artificial Intelligence

This session comprises of a fairly basic introduction to Artificial Intelligence and its branches. This will be a hands on session to span multiple and we will be using python programming language. Thus, ensure that you have python interpreter and all libraries below are installed install.



Tensorflow

Keras Classification

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

```
df = pd.read_csv('FINAL-TF2-FILES/TF_2_Notebooks_and_Data/DATA/cancer_clas
df.describe().transpose()
```