

## **Introduction ML Landscape**

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### Precondition

Before start check out that:

You are

- Ready with your computer
- Opened a browser

If not look it up later.

### The mission

In this lesson, we will:

- Introduce the ML concepts
- Discuss the context of ML
- Introduce various ML types/models
- Explore main challenges of ML
- Introduce testing
- See a real example: Life Satisfaction vs. GDP

### Outcome

After this lesson, you have learned about:

- ML models
- Supervised vs Unsupervised, Online vs Batch, Instance based vs. Model based
- Training data
- Linear regression
- Overfitting and Underfitting
- Classification
- Overfitting
- Anaconda, Spyder, Jupyter, Panda
- Program for Life Satisfaction vs. GDP

### Next step next week

Its time for some assignments:

- Discuss and solve questions in the 6 assignments on first week.