

# GitHub Campus Teams - AUC Machine Learning Committee

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# Training Objective

## Target:

- ❑ Students with no background in Machine Learning and/or Python programming.

## Goal:

- ❑ Introduce the basic concepts of Machine Learning and Data Science.
- ❑ Hands-on experience on real-life use-cases using Python
- ❑ Linear Algebra and Statistics refreshers

# Training Timeline

- ❑ 6 Sessions
- ❑ Weekly, 2 hours per session
- ❑ Wednesday from 5-7 p.m
- ❑ Starting from 02/03/2022

# Training Sessions

No	Session Topic	Date
1	Intro to Python (Numpy, Pandas, Matplotlib)	02/03/2022
2	Statistics and Linear Algebra review	09/03/2022
3	EDA, (Cleaning, Visualization, Correlation, Features Engineering)	TBA
4	Intro to Machine Learning (Motivation, K-NN, and Learning Types) and Linear Regression	TBA
5	Linear Regression Contd. and Logistic Regression	TBA
6	Logistic Regression and intro To Clustering	TBA

# GitHub Repository

- Everything related to this training will be uploaded to this GitHub repository:
  - <https://github.com/JoHussien/GitHubCampus-ML>

Any  
Questions!