IRIS Dataset Classification Using Python

BY ABDULLAH ALSHAMI

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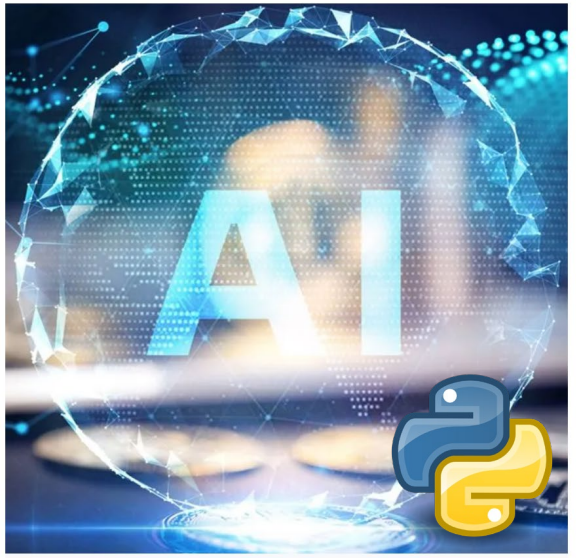
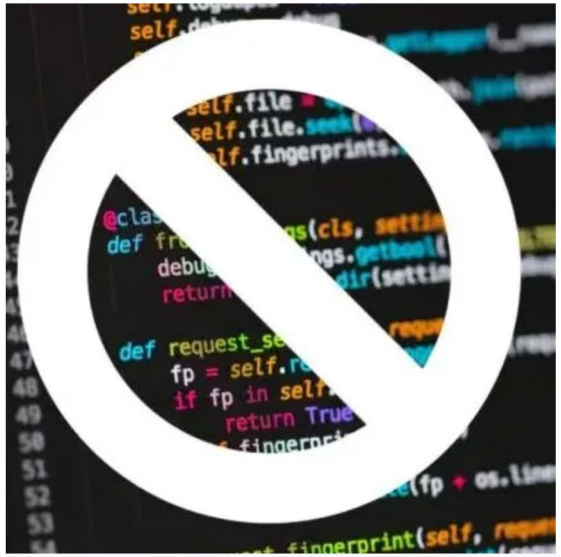
Data Patterns Workshops

- Two Tracks (Short and immersive)
- Experienced Team
- Hands on and projects
- Repetitive schedule
- Different Deliver methods (online and In person)
- Flexible Timings (Morning, Evening and Weekends)



Data Science Workshops

This modular workshops (bootcamps) is essential to equip you and your team with the tools required to understand Machine Learning concepts and techniques and apply them on your data. You can select core modules of interest from a wide spectrum of Supervised and Unsupervised concepts based on your needs and availabilty.



Data Science Codeless Workshops

No Code Data Science is the skill of the future. No Code / Less code will the predominant mode of deploying AI models in the future. Accelerates the learning curve by without the need for Coding in Python /R. Be productive from Day 1 and focus on solving the business problem rather than trying to find bugs in the code.
The unique 4-C methodology (C – Concept", "C – Context", "C- Case" and "C – Codeless)

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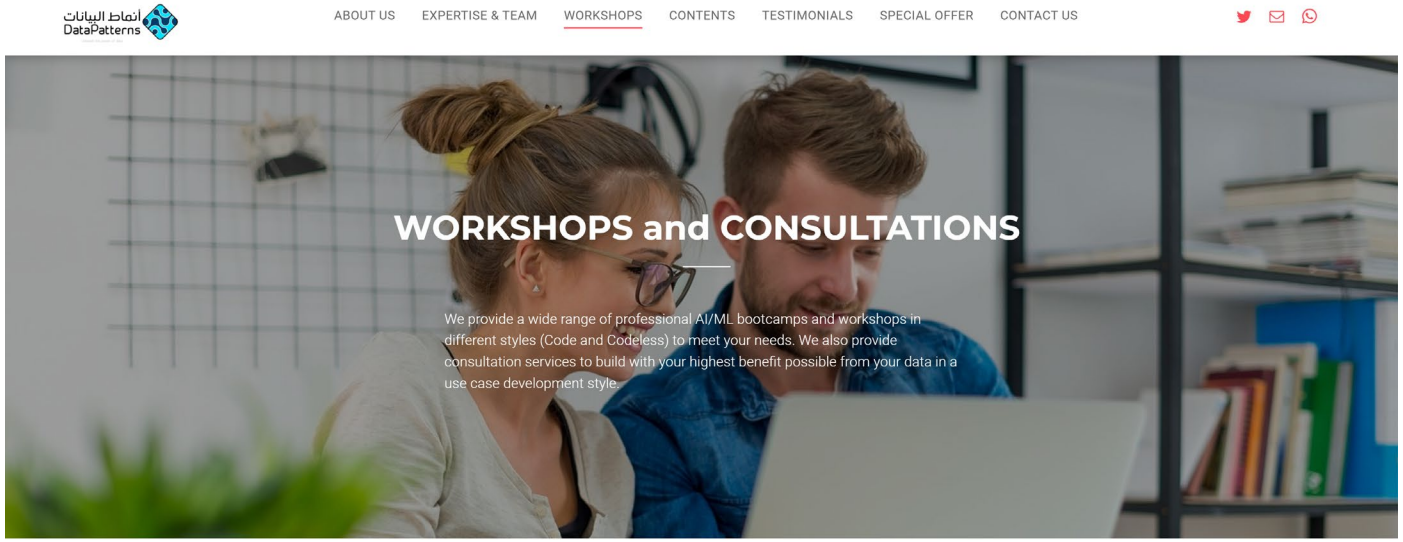
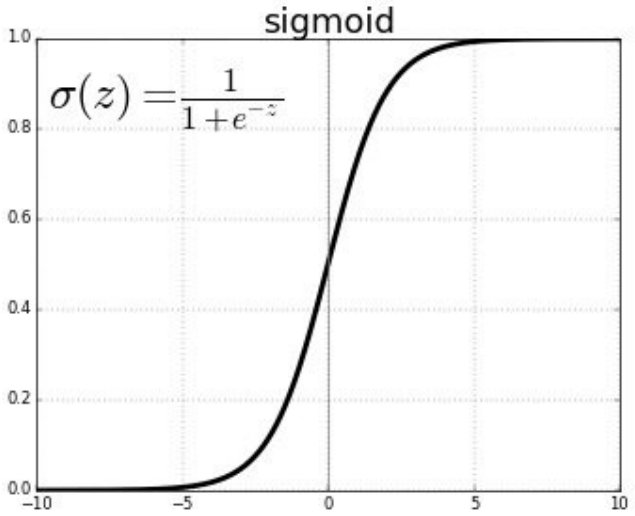


Classification

- Classification is a supervised learning method.
- A classification model learns from the given data to group data based on similarities.
- Using mathematical functions.
- Classification models predict categorical values.
- For example: emails (spam or not spam), reviews (positive or negative)



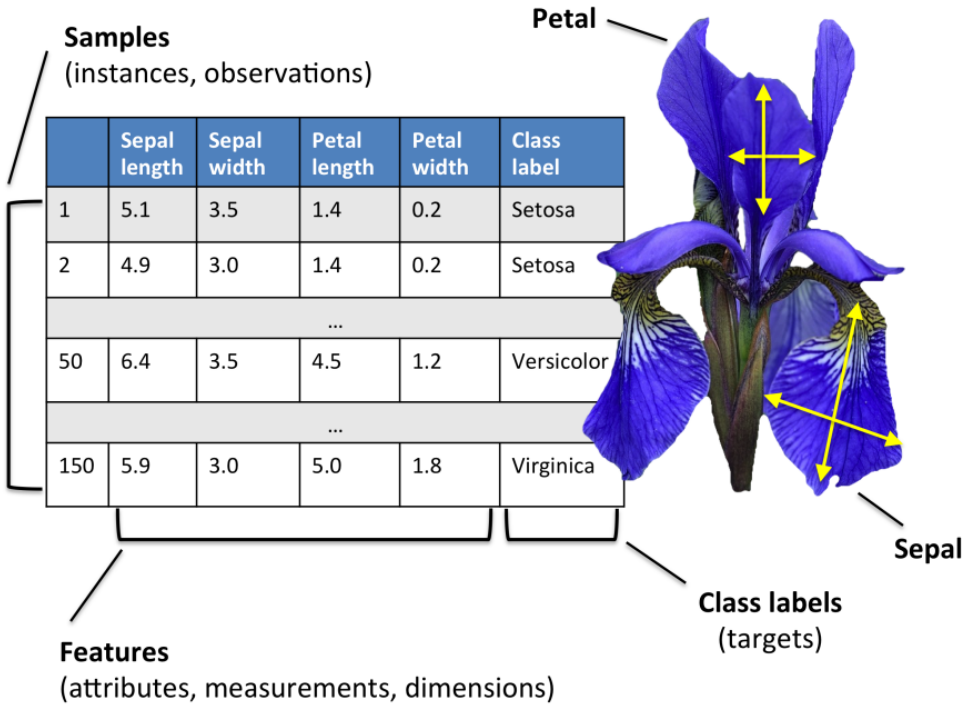
Problem Definition

https://archive.ics.uci.edu/ml/datasets/iris

Determine the type of iris flower.

Attributes:

- Sepal length
- Sepal width
- Petal length
- Sepal width
- Class (Setosa, Versicolor, Virginica)



	Sepal length	Sepal width	Petal length	Petal width	Class label
1	5.1	3.5	1.4	0.2	Setosa
2	4.9	3.0	1.4	0.2	Setosa
...					
50	6.4	3.5	4.5	1.2	Versicolor
...					
150	5.9	3.0	5.0	1.8	Virginica

Thank you

DATA PATTERNS TEAM