

أنماط البيانات  
DataPatterns



Unleash the power of data



**ABDULLAH ALSHAMI**  
Data Scientist, Assistant Trainer

**CLASSIFICATION**

**JOIN US ON ZOOM  
SESSION**



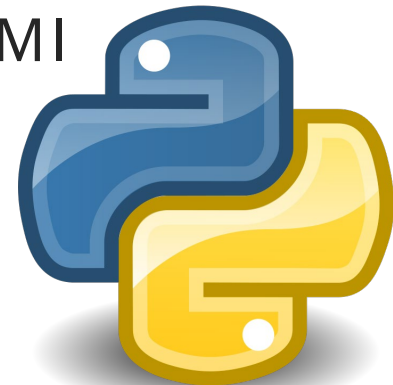
**8 MARCH TUESDAY**



**2:00 NOON - 3:00 NOON**

# 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 & AI Workshops**

Using Python Programming

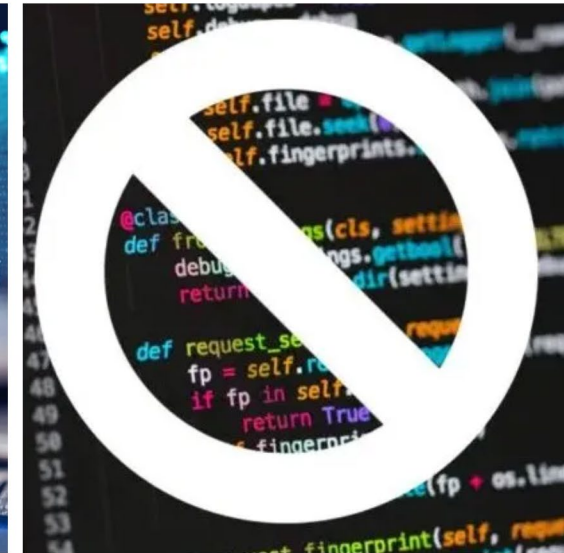
	In Person	Online
DP201: Supervised Learning I - Regression	1400 SR	1100 SR
Full Day (10 Hours 10:00 AM - 8:00 PM)		
Two half Days Evening (5 hours each - 5:00 pm - 10:00pm)		
	+15% VAT	
DP202: Supervised Learning II - Classification	1400 SR	1100 SR
Full Day (10 Hours 10:00 AM - 8:00 PM)		
Two half Days Evening (5 hours each - 5:00 pm - 10:00pm)		
	+15% VAT	
DP301: Unsupervised Learning - Clustering	1400 SR	1100 SR
One Day (Full Day - 10 Hours - 10:00 AM - 8:00 PM)		
Two half Days Evening (5 hours each - 5:00 pm - 10:00pm)		
	+15% VAT	
DP303: Deep Learning using Python	2000 SR	1400 SR
Two Full Days (20 Hours - 10:00 AM - 8:00 PM)		
	+15% VAT	

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## 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 availability.



## Data Science Codeless Workshops

No Code Data Science is the skill of the future. No Code / Less code will be 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)

# Data Patterns Team



**AFNAN ALSIRHANI**  
Data Scientist, Assistant Trainer



**ABDULLAH ALSHAMI**  
Data Scientist, Assistant Trainer  
Computer Science graduate from Jubail University



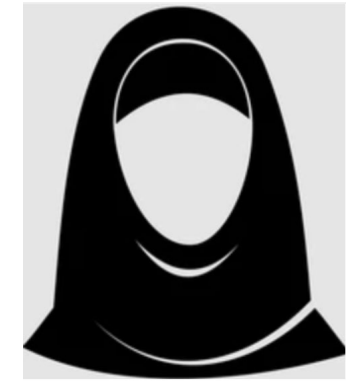
**AHAD ALMUTAIRI**  
Data Scientist, Assistant Trainer



**HATIM ELSHEHRI**  
Data Scientist, Assistant Trainer



**AMJAD ALTHUNYYAN**  
Data Scientist, Trainer Assistant



**NADA ALRUWAYTHI**  
Data Scientist, Trainer Assistant



**KINZA WAQAR**  
Data Scientist, Trainer



**MOHAMED ELDEEB**  
Senior Data Scientist, AI Consultant



**MOHAMED ALMOGHALIS**  
Data Science Workshops Program Manager, AI Consultant



**MOHAMED ALGHAMEID**  
Data Scientist, Assistant Trainer



**SRINIVAS RAO**  
Data Science Code Less (No-Code) Instructor, AI Consultant

# More Information

Visit our website for more information

[www.datapatterns.sa](http://www.datapatterns.sa)

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WORKSHOPS and CONSULTATIONS

We provide a wide range of professional AI/ML bootcamps and workshops in different styles (Code and Codeless) to meet your needs. We also provide consultation services to build with your highest benefit possible from your data in a use case development style.

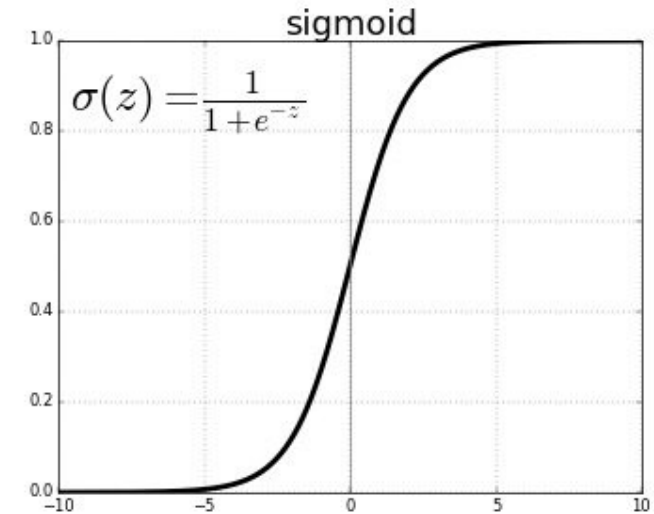




# Classification

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- 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)



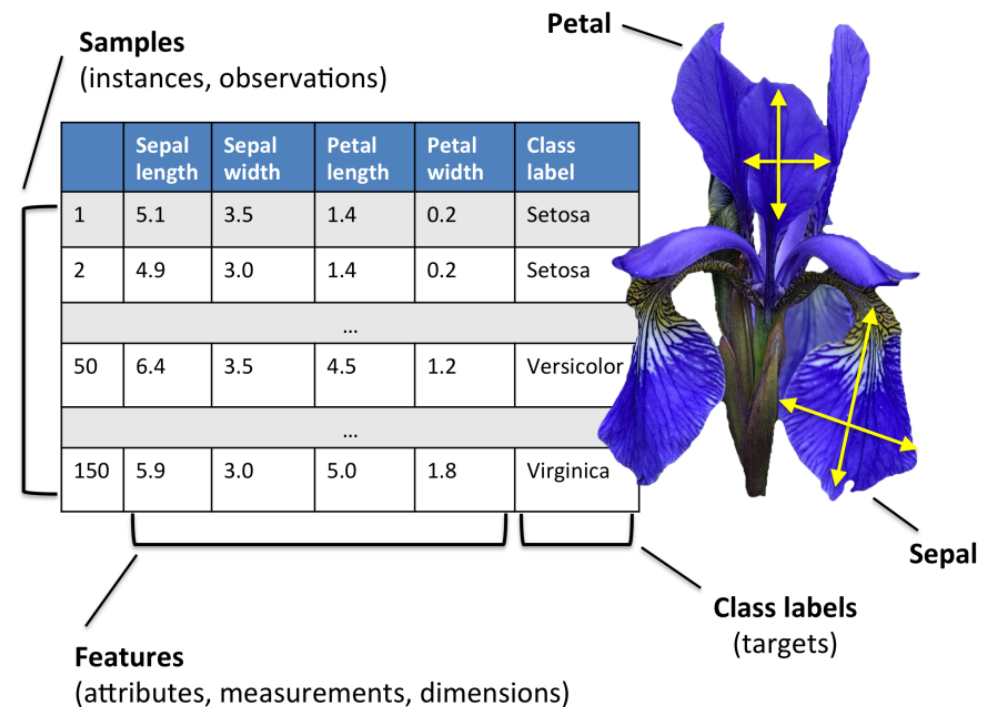
# Problem Definition

<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)



*Thank you*

DATA PATTERNS TEAM