

# Chapter1

# ABOUT THE COURSE

## Data Visualization

Data Sciences – UL 2024-2025

# **Why** do we need a course on Data Visualization?

# **Data Visualization is a Must-Learn Skill Today**

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## UNPRECEDENTED VOLUME OF DATA

- The big data analytics market is set to reach \$103 billion by 2023.
- In 2020, every person generated 1.7 megabytes in just a second.
- Internet users generate about 2.5 quintillion bytes of data each day.
- 95% of businesses cite the need to manage unstructured data as a problem for their business.
- 97.2% of organizations are investing in big data and AI.

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## ALL THIS DATA NEEDS TO BE CLEANED, ANALYZED, AND COMMUNICATED

- And we already know that the most natural way to communicate data is using Data Visualization

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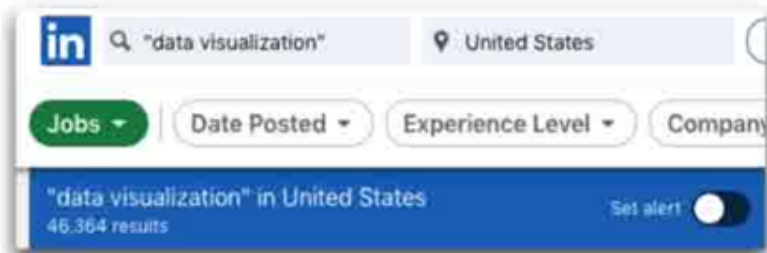
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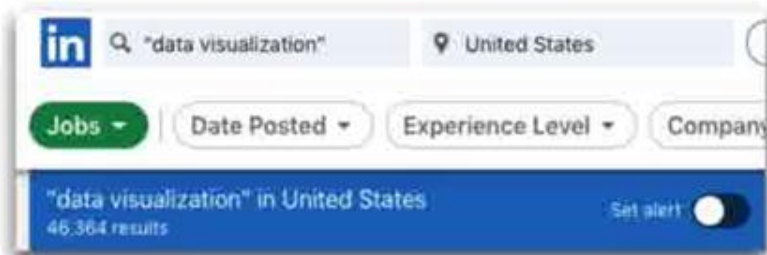
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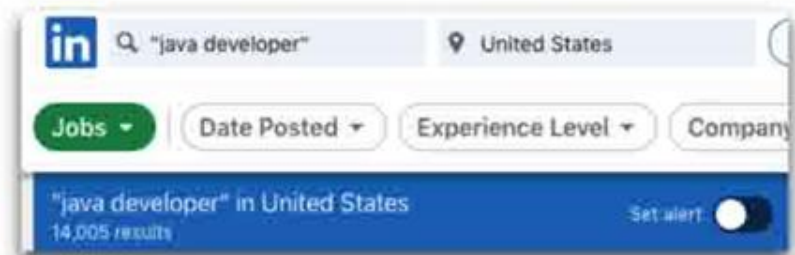


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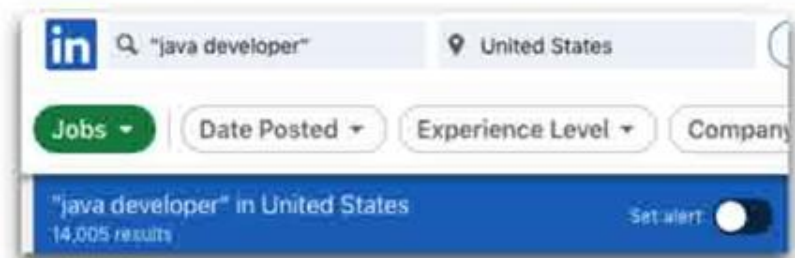


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### A LOT OF PEOPLE DRAWS DATA, FEW OF THEM LEARN HOW TO DO IT RIGHT

- Many jobs involve plotting data, but there are very few courses on how to do it right.
- Chances are, if you're a programmer, (data) scientist, journalist, etc, you might need to design a chart at some point
- In college, did someone teach you how to do this? Let's solve this!

**Who** is this course for?

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(DATA) SCIENTISTS

PROGRAMMERS

DATA VISUALIZATION PROFESSIONALS

UI/UX DESIGNERS

DESIGNERS

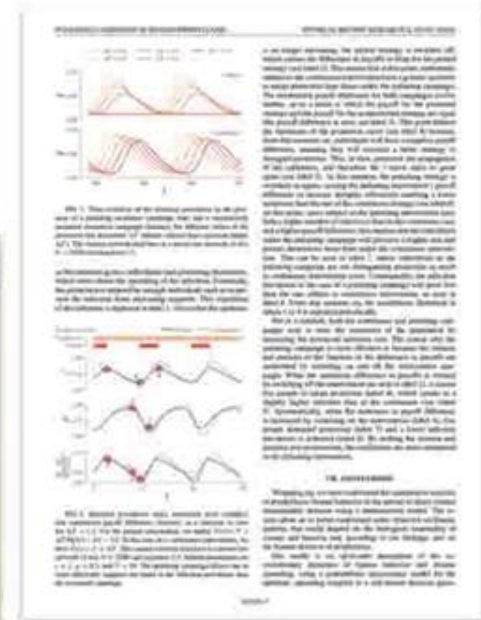
JOURNALISTS

COMMUNICATION SPECIALISTS

ACTUALLY... ANYONE!



# About this course



18-03-2020

Resumen de la situación de la COVID-19 en España  
 El número de casos de COVID-19 en España ha aumentado de forma exponencial desde su aparición en el país el 14 de marzo. A día de hoy, el número de casos confirmados en España es de 102.000, con un total de 10.000 fallecidos.



**What** are you going to learn?

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- Learn how to improve your plots so they are more effective and professional



# Where & when?