



TIC



▶ TALENTO
TECH

REGIÓN 3

CAUCA – NARIÑO

BOOTCAMP

ANÁLISIS DE DATOS





TIC



MÓDULO 2 NIVEL INTEGRADOR

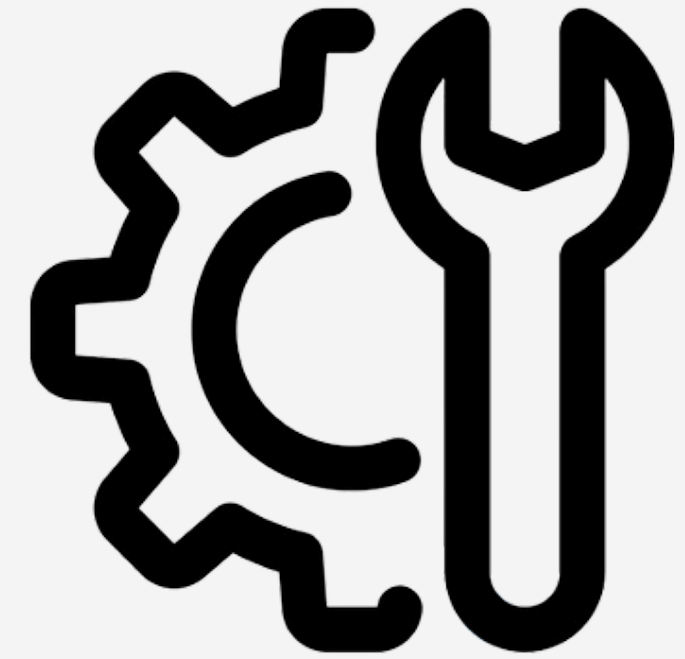
Contextualización de mis aprendizajes



TIC



In this module, learners will embark on a comprehensive exploration of Exploratory Data Analysis (EDA) and the fundamental principles of Machine Learning. The course starts by introducing key concepts, establishing a foundation for understanding the intricate world of data analysis. As we progress, the focus shifts to the basics of Machine Learning, providing insights into Classification and Regression Algorithms, and equipping learners with the knowledge to evaluate and select appropriate models. The journey extends into the domains of Text Analysis and Data Mining, where participants will develop skills to extract valuable insights from text-based data. Throughout the course, a strong emphasis is placed on enhancing reading comprehension and expanding vocabulary. By doing so, learners not only grasp essential terminology but also cultivate a deeper understanding of the concepts integral to the field of data analysis. This module sets the stage for a holistic learning experience, empowering individuals to navigate the dynamic landscape of data with confidence and proficiency.



Objetivo general



UNIDAD II

- **Develop a solid understanding of Exploratory Data Analysis (EDA), Machine Learning principles, and their applications in data analysis. Acquire foundational knowledge to navigate the complexities of data exploration and modeling.**
- **Strengthen reading comprehension skills and expand vocabulary in the context of data analysis. Foster the ability to comprehend and discuss advanced topics, enabling learners to engage confidently with the terminology and concepts integral to the field.**

Competencias a desarrollar

- Linguistic competence.
- Pragmatic competence.
- Sociolinguistic competence.
- Topical Competence. tos para su exploración

Linguistic Competence: Acquire proficiency in the language associated with Exploratory Data Analysis (EDA) and Machine Learning. Demonstrate the ability to comprehend and articulate concepts accurately.

Pragmatic Competence: Develop pragmatic competence by understanding the practical application of data analysis concepts. Apply knowledge effectively in real-world scenarios and problem solving situations.

Competencias a desarrollar

Sociolinguistic Competence: Gain sociolinguistic competence in the context of data analysis discussions. Understand the social implications and communication nuances within the data science community.

Topical Competence: Attain expertise in the specific topics covered in Module 2, including Exploratory Data Analysis (EDA), Machine Learning, Classification, Regression Algorithms, Text Analysis, and Data Mining. Demonstrate a comprehensive understanding of these subjects in the field of data analysis.

Activación de saberes previos

PLANTEAMIENTO DE LA SESIÓN

- 1) Socialize the technology idiom of the day.
- 2) Before the reading activity, explain what reading in context is.
- 3) Socialize key words about: "Beginner's Guide To Exploratory Data Analysis"
- 4) Reading comprehension: "Beginner's Guide To Exploratory Data Analysis"
- 5) Matching heading definition.
- 6) Reading comprehension: "Real-World Applications of Exploratory Analytics"
- 7) Multiple choice activity.
- 8) Socialize key words about: "Navigating The Data Terrain: Unveiling The Power Of Exploratory Data Analysis Techniques"

MATERIALES

- – "Beginner's Guide To Exploratory Data Analysis"
<https://towardsdatascience.com/exploratory-data-analysis-dcb5e7189c4e>
- "Navigating The Data Terrain: Unveiling The Power Of Exploratory Data Analysis Techniques"
<https://imarticus.org/blog/exploratory-data-analysis-techniques/>

Activación de saberes previos

PLANTEAMIENTO DE LA SESIÓN

- 9) Reading comprehension: "Navigating The Data Terrain: Unveiling The Power Of Exploratory Data Analysis Techniques"
- 10) Gap filling exercise about the previous reading
- 11) True / False activity about the previous reading

MATERIALES

- "Real-World Applications of Exploratory Analytics"
<https://www.nobledesktop.com/classes-near-me/blog/exploratory-data-analysis-real-world-applications#:~:text=EDA%20is%20used%20in%20various,travel%2C%20and%20the%20food%20industry.>