

KNIME Students Challenges

KNIME AG, Zurich, Switzerland



Gamify with KNIME: Student Challenges

The [KNIME Educators Alliance](#) has expanded its offerings to support educators who wish to gamify learning and leverage KNIME for data science education with [KNIME Student Challenges](#).

KNIME Student Challenges are usually integrated into an existing class to augment the learning experience. They are typically designed around a task or analytics area (e.g., diabetes prediction), and have a well-defined set of analytical requirements, a clear outcome (workflows, a report, a presentation, etc), and a structure and timeline (e.g., number of rounds, a challenge start/end, a project deadline). Usually, teams of three to six students compete, using KNIME Analytics Platform as their go-to data analytics tool.



The digital badges issued to the best three teams of the challenge “Analytics Solutions for the Creative Industry”.

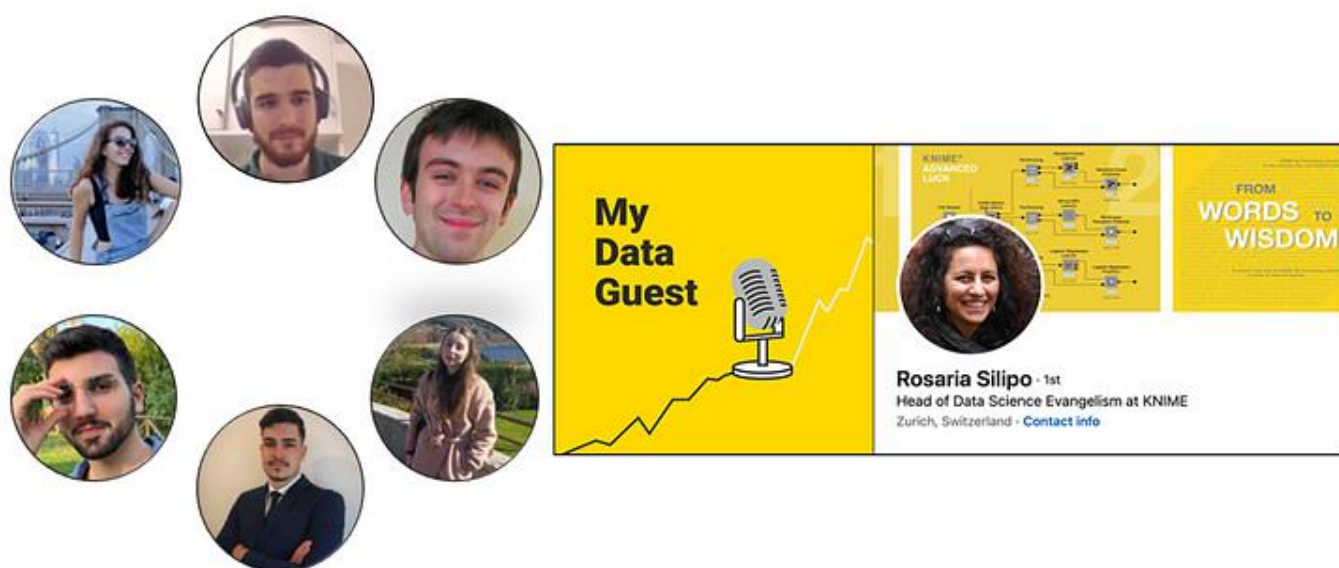
I signed up my class for a nation-wide competition in digital marketing, and the students reacted amazingly to it. The hard work was rewarded by fantastic outcomes. The students developed very advanced and creative solutions with KNIME, showed ingenuity and deep commitment.

Dr. Francisco Villarroel
Assistant Profesor of Marketing
Director MSc. In Marketing
LUISS Guido Carli University

Read more at knime.com/blog/knime-student-challenges

An Interview with the Winners of the “Analytics in Creative Industries” Challenge with KNIME

Eleven teams competed to analyse data about products from the creative industries, such as movies, music, memes, social media, and other similar content. Some of the fascinating topics explored included the analysis of the correlation between nudity and revenues, the identification of users’ preferred music genre on TikTok, or the exploration and prediction of viral songs in the music industry.



My Data Guest — An Interview with the Winners of the “Analytics in Creative Industries” Challenge with KNIME.

In the beginning, we thought it would be easier and quicker to rely on our existing knowledge of programming languages when performing more complex operations. However, we ended up conducting the entire feature engineering completely codeless. It was great to explore and learn about the potential of KNIME Analytics Platform, allowing us to perform everything we needed for the project.

Alida Brizzante,
Graduate Student,
BSc. Management and Computer Science
LUISS University Guido Carli

Read more on [Low for Data Science Journal on Medium](#)

Datasets used within the student challenge

"Analytics in Creative Industries"

You can find here datasets adopted in this challenge. The dataset can be adopted again to teach and practice marketing analytics use cases to more students.

Books Datasets:

- [Goodreads-books](#)
- [Book Recommendation Dataset](#)

Influencers Datasets:

- [LinkedIn Influencers' Data](#)
- [Tweets about the Top Companies from 2015 to 2020](#)

Movies and TV shows Datasets:

- [Netflix Movies and TV Shows](#)
- [The Movies Dataset](#)
- [MovieLens 100K Dataset](#)
- [Netflix Prize data](#) (*read licensing conditions carefully*)

Music Datasets:

- [YouTube Trending Video Dataset](#) (*updated daily*)
- [The Spotify Hit Predictor Dataset \(1960-2019\)](#)

Social Media Content Datasets:

- [Memes](#)

Fine Arts Datasets:

- [Best Artworks of All Time](#)
- [Painter by Numbers](#)
- [Open Access](#)

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