

# Courses Rating Prediction

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## Company info

Using regression techniques, we will provide information that will help Udemey trainers estimate the rating that their course might have.

## Value to the company

Predict course rating according to reviews, price and course duration.

## Dataset

The data that will be used in this project has been extracted from udemy website (<https://www.udemy.com/courses/search/?src=ukw&q=it+and+software>). Includes data such as: (lecturers, prices, trainers, etc.) for each course. It includes 10 features, and below is a description of each:

Columns	Description
Title	Course title
Description	Description of course content
Price	The original price
Discount	The price after discount
Rating	Number of rating
Reviews	Number of reviews
Trainer	Trainer name
Total_hours	Duration of the course
Total_lectures	Number of lectures
Level	Course level

**The main goal is to find:**

Prices vary according to reviews, ratings and trainers.

## Tools

- Technologies: Python, Jupyter notebook, HTML, CSS.
- Libraries: NumPy, Pandas, Matplotlib, Seaborn, BeautifulSoup, selenium, Sklearn.