

COURSES REASONABLE DISCOUNT PERCENTAGE PREDICTION

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**REGRESSION PROBLEM
PROJECT PROPOSAL**



NEED:

The purpose of this model is to help the course's instructors by predicting the reasonable discount percentage. The predication is based on the nature of the course. So, the instructors can gain the students attraction, trust, and money. Also, many students feel like cheated when subscribing to specific courses, such analysis could help them to be aware of the market value that the courses have and choose what suits them.

DATA DESCRIPTION:

The data obtained by performing web scrapping on (<https://www.udemy.com>) website which include many courses with 65 languages and covering almost all subjects that anyone needs. The dataset consists of approximately 20,000 entries linked to 11 features. The features we concern with and get from this website for the courses are ["Title", "Instructor", "Description", "Rating", "Participants", "Original_Praice", "Discount_Price", "Hours", "num_lectures", "Level", "Catogory"].

TOOLS:

Technologies: SQL, SQLite, python, Jupyter Notebook

Libraries: SKlearn, StatesModel, BeautifulSoup, Selenium, NumPy, Pandas, Matplotlib, Seaborn, LinearRegression, time, os, Request, IPython.core.display.

MVP GOAL:

Create a baseline model and verify its result and adjust it based on the model observation.

