

# Predicting Average Yearly Earning on Youtube

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## Introduction

Our goal is to see what might affect Average yearly earning for the top 1000 youtube channels.

## Data Description

We are going to scrape youtube data from [Popsonner](#) and [SocialBlade](#) using BeautifulSoup in order to analyze factors that might affect **Average yearly earning**. This analysis will be based on many features such as: + Views + Subscriber + Videos + Pos + Social Blade Rank + Country Rank + Video Views Rank + Channel Type + Music Rank + Estimated monthly Earning + Subscribe for the last 30 days + Video views for the last 30 days

## Tools:

- Web scraping: BeautifulSoup / Selenium
- Linear Regression: Sklearn
- DataFrame: Pandas
- Array: numpy
- Visualizations: Seaborn / matplotlib

## MVP Objective:

The goal of this project is to analyze factors that might affect the top 1000 channels' Average yearly earning. Thus, the output interpreted the main goal in form of dataframe, report and some visualizations.