PORTFOLIO

AZMINE TOUSHIK WASI

Azmine Toushik Wasi

Experienced in Programming & IT | Machine Learning & Data Science Explorer | Developer - Writer - Designer

Passionate, hard-working IT professional with good amount of expertise and skills in programming, IT Automation, data science and machine learning, website and mobile application development, graphics design, content writing - designing - marketing, communication. Worked with many startups as well as well-known organizations and companies providing IT and creative support for them. Also a good award winning writer, judge of an international competition, artist, and a good trainer. Love to learn new things, experiment and challenge acquired skills.

Skills :

> Programming: Python (Advanced), C (For contests)
> DS & ML : Python (NumPy, Pandas, Matplotlib, Seaborn, Scikitlearn, Keras, Tensorflow, Pycaret), R, SQL
> Data Analysis: MS Excel, SAS Analysis and Visualization,Tableau, Power BI
> Android App Development: Java, MIT AI
> Web Development: HTML, CSS, Wordpress and Elementor
> IT: IT Automation, Troubleshooting, Adminmistration & Management of Hardware-Database-Software
> Office Software: MS Word, Excel, Access, Powerpoint, Team, Outlook; Google tools

Table of Contents

Udemy –Courses Analysis

Present the data on course revenue, and analyzing different topics to understand where opportunities to increase revenue may lie, and track the performance of courses. And, how they will increase their next quarterly earnings.

Data Given:
Udemy Course Data.csv

Reporting to:
Head of Curriculum

Data Design

Data Collecting

- Collected Data from given sources

Data Cleaning

- 1) Remove duplicates
- 2) Removing blank cells
- 3) Headers
- 4) Find and replace

Processing

- Created a 'Date' Column
- Created a column that indicates whether a course is free or paid
- a list of the top 20 most subscribed courses with
  - Their level
  - Whether they are free or paid,
  - Whether any are free beginner courses,
  - Duration of the course
  - The date they were published

Pivot Tables and Charts

- Total number of subscribers for each subject (Pie Chart)
- Average number of subscribers for each subject (Bar Chart)
- Average cost per subject at each level (Bar Chart)
- Average content duration for each subject (Bar Chart)
- Average rating per subject for each level (Column Chart)
- Any other data that you feel will be important to include in your analysis

## Understanding the Problem

Visualising Data with Tableau

- Pricing Rating Co-relation
- Timeseries analysis of customers and price
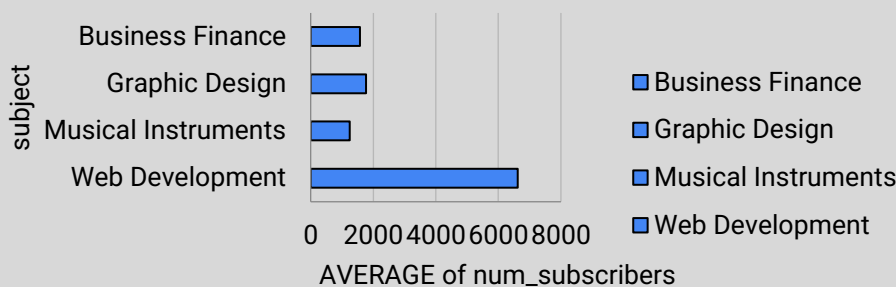- Content Duration Analysis

Findings
Part 01

Expert level courses of graphics design and musical instruments are generating more money

All Levels, Beginner Level, Expert Level and Intermediate Level

Legend:
- level All Levels
- level Beginner Level
- level Expert Level
- level Intermediate Level
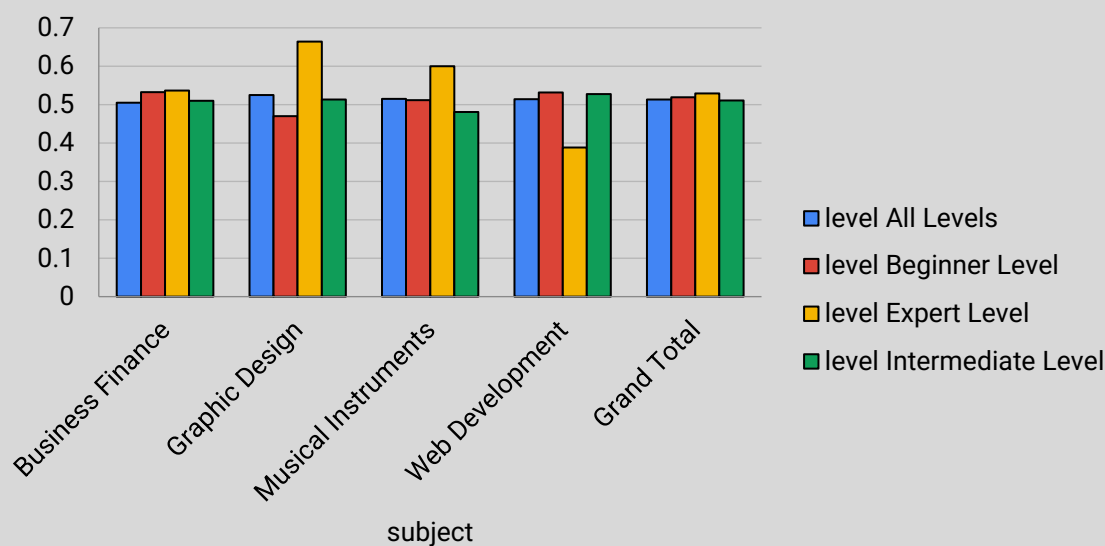
subject

AVERAGE of num_subscribers vs subject

Legend:
- Business Finance
- Graphic Design
- Musical Instruments
- Web Development
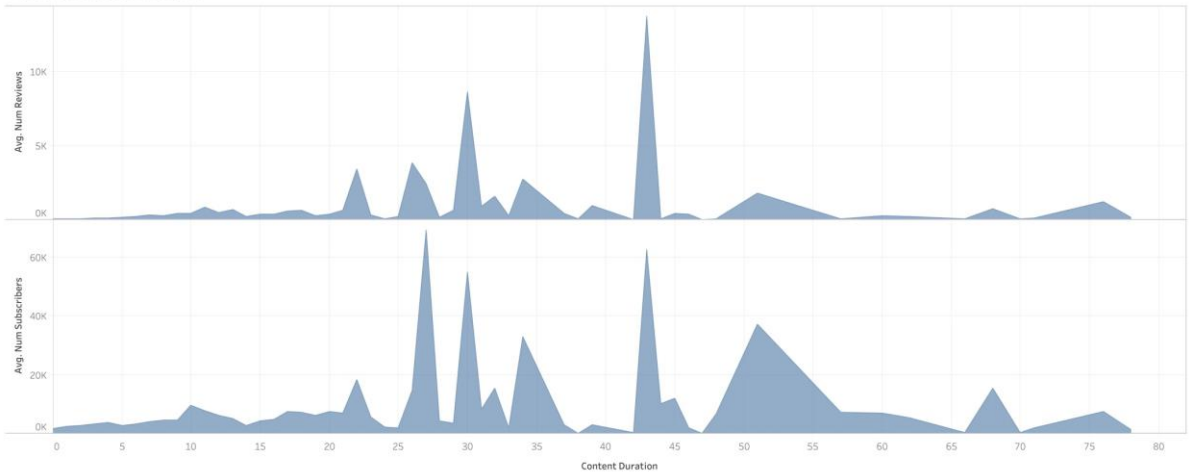
AVERAGE of num_subscribers
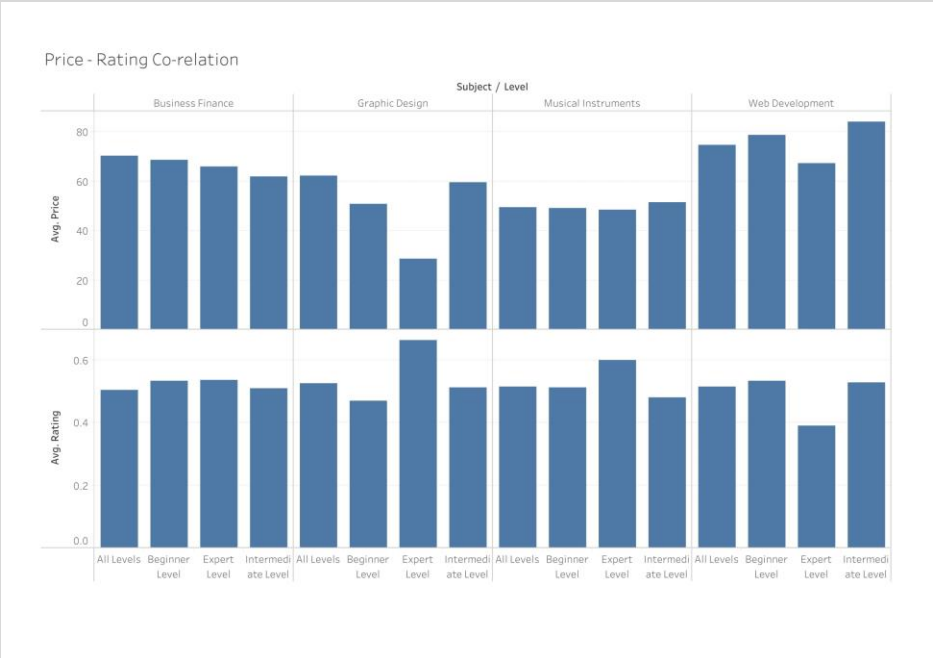
Findings
Part 02

Content Length 30 and 43 generates more attraction

Content Duration Analysis

Findings
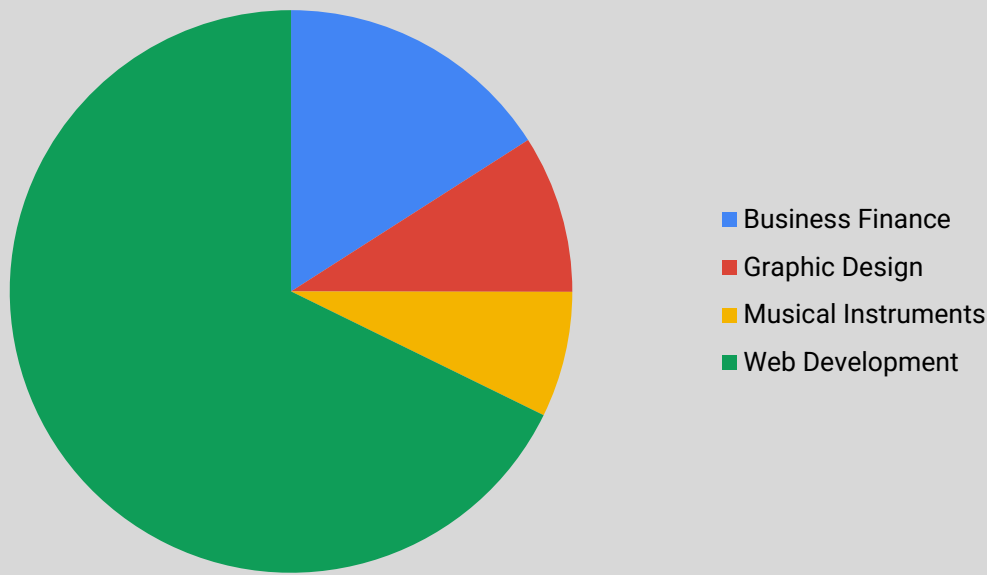## Part 03

Beginner Level Web Development courses are attracting people

Price - Rating Co-relation

Subject / Level

Total Subscribers

- Business Finance
- Graphic Design
- Musical Instruments
- Web Development

Findings
Part 04

Beginner Level Web Development courses are attracting people

Analysis

1 Increasing web development boost due to pandemic

2 Price has a correlation with rating, free courses are generating good rating comparatively.

3 People don't want much larger content and their most common choice of course length is 42 and 30.

Conclusion

Considering the facts above, we have to promote web development beginner and intermediate courses with big discount, course length should be 30 or 43, as per the findings.