DATA ANALYSIS PORTFOLIO

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Professional Background

I I am a graduate of The Federal Polytechnic Ado-Ekiti, Ekiti state, Nigeria. I worked as a Front Desk Officer in a Private school, for 6months and I am currently working as customer service at a financial technology company.

I have a certification of Excellence at thetechytrainfoundation for the techup-girls, where we learned about technology and basic digital skills. I also have a Professional Certification In Customer Service.

I love learning and I'm passionate about self-growth and development. I love helping and reaching out to otherS with my knowledge.

My Vision is to develop a career in Data Analysis, to a be a disciplined and insightful Data Analyst with an eagerness to leverage big data interpreting and visualizing skills.

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EntryLevel

Udemy Project Description

The background of the project is based on Udemy business courses. The business problem is to present the data on course revenue, to understand where opportunities to increase revenue may lie on the courses, to test if by increasing prices for 'Web Development' will increase the overall revenue of the business. and to track performances of the courses.

Data Design

Cleaning the data:
After sourcing the datasets of the Udemy business courses which includes four subjects, having four different data sets, the data sets were downloaded and was imported on google sheets. The data sets were cleaned, by removing blank spaces, removing duplicates, headers were cleared and concise, and Web Development subject headings were consistent according to other subject headings.

Visualizing the Data
Pivot tables and charts were created on google sheet and visualization was also created on Tableau, we found out that the, most offered courses were Web Development.

Finding 1

Findings From Pivot table and Charts

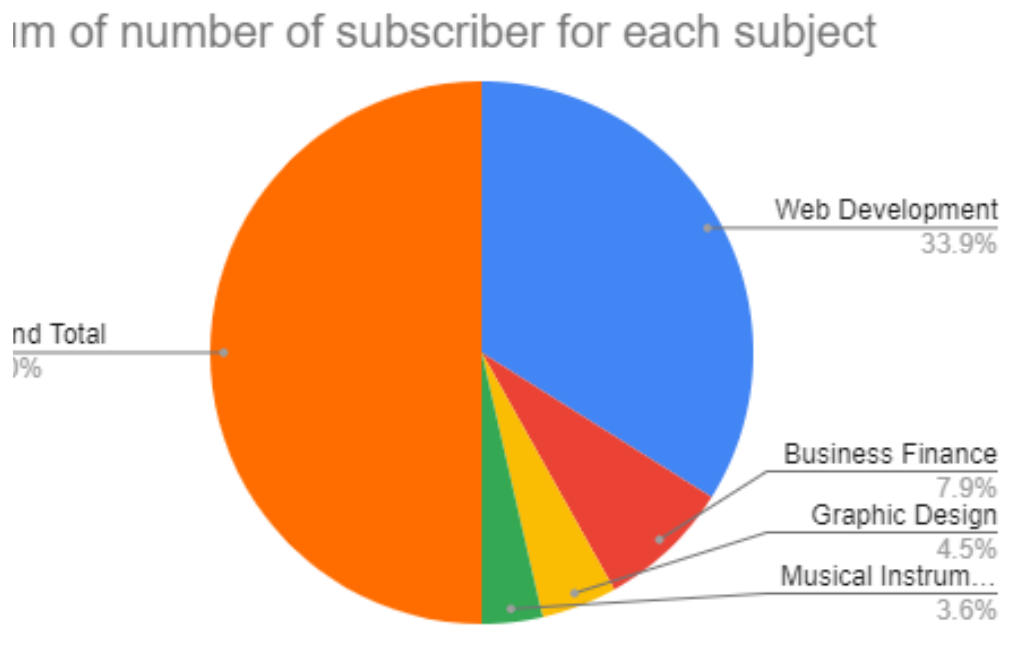### Figure 1: Total number of Subscribers for each subject
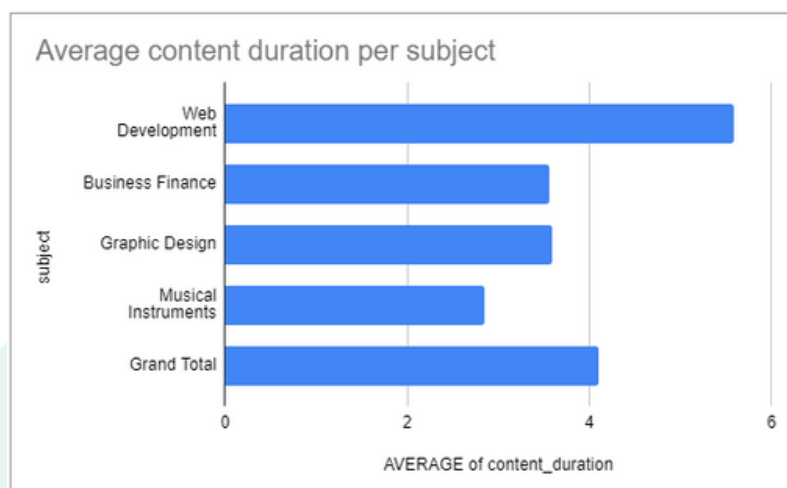

Figure 2: Average content duration per subject.

Table 1: Free/Paid Users

subject	AVERAGE of co...
Web Developme	5.586658354
Business Financ	3.557696613
Graphic Design	3.585465116
Musical Instrume	2.854387255
Grand Total	4.096137106

Finding 2

Visualization From Tableau

Figure 3: Average ratings Per subject on each level.

Average Ratings per subjects on each Level

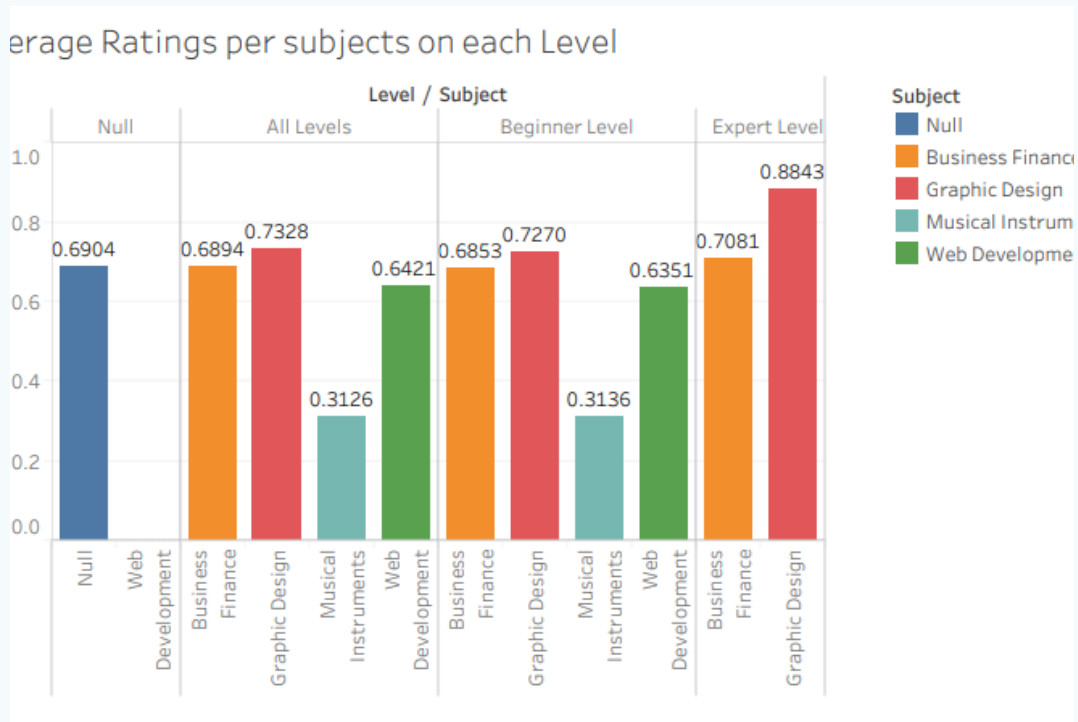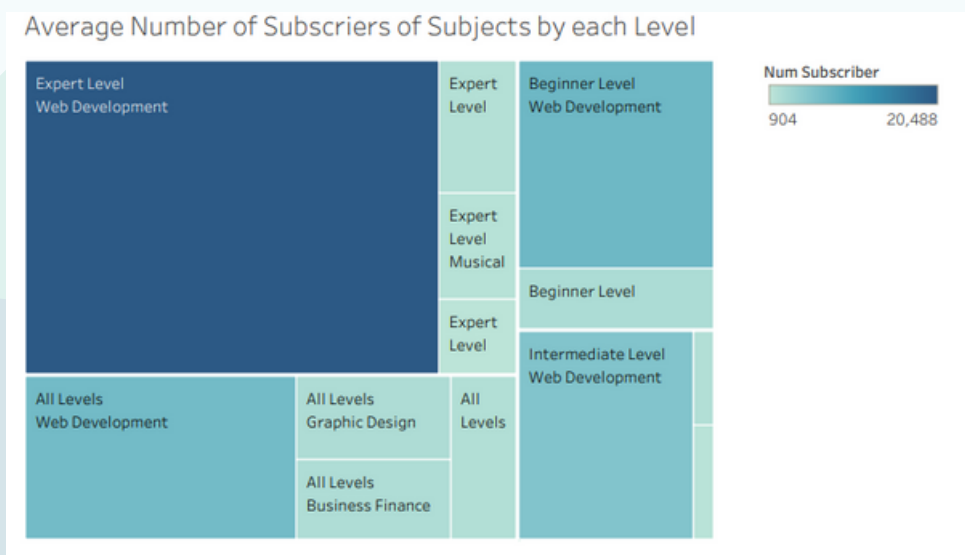### Figure 4: Average Number of Subscribers of Subject on each Level.

Average Number of Subscriers of Subjects by each Level

Analysis

From the Analysis done, we find that Web Development is the most offered course on Udemy based on the number of subscribers, followed by Business Finance, Graphic Design, and the least is Musical Instruments.

Why is web development the most subscribed course?

We found out that, this is as a result of its general factors which is one of the most preferred and most trending courses online due to its high rate of employment opportunity and the World of Wed Development is as wide as the internet itself.

Based on the findings from the Analysis, we found out that Wed development course has longer content duration, highest number of Lecturers and the highest price which may imply to users that Web Development course is of higher quality.

Therefore, this tells us that not only is Web Development is the most offered course based on our findings but also that the World of Technology is increasing greatly thereby increasing a great number of users trying to gain skills to build careers in technology which is a high-growth industry.

Conclusion

This report concludes and recommend that the opportunity to increase revenue lies in Web development based on the analysis of this report and also its general factor being a course of High in Demand and Business finance being the second most subscribed courses. These are the two most offered courses with high number of subscribers. I also recommend that Musical instrument be removed from the courses offered because it the course with the least report on performance and should be replaced with high in the demand course based on statistics.