

Udemy Data Analysis Tasks

1. Category Analysis

- **Distribution by category:** Visualize the number of courses in each category using a bar chart or pie chart.
- **Courses per category:** Count the total courses in each category.
- **Most popular category:** Find the category with the most courses or subscribers.

2. Subscriber Analysis

- **Subscribers per category:** Calculate the total subscribers for each category.
- **Subscriber stats:** Find the max, min, average, and total number of subscribers.
- **Most subscribed course:** Identify the course with the highest subscribers.
- **Subscribers per year:** Calculate the yearly subscriber count (if dates are available).

3. Instructional Level Analysis

- **Levels:** List the unique instructional levels (e.g., Beginner, Intermediate).
- **Courses per level:** Count how many courses exist for each level.
- **Subscribers per level:** Calculate the total subscribers for each level.
- **Levels per category:** Analyze the distribution of levels across categories.
- **Category with most levels:** Identify the category with the most unique levels.

4. Lecture Analysis

- **Levels and lectures:** Compare the number of lectures across instructional levels.
- **Lectures and reviews:** Analyze how the number of lectures affects reviews.
- **Lectures per level per category:** Visualize lecture distribution across levels and categories.

5. Rating Analysis

- **Average rating:** Calculate the average course rating.
- **Rating stats:** Find the highest and lowest ratings.
- **Best-rated course:** Identify the course with the highest rating.
- **Udemy earnings:** Calculate total revenue (if revenue data is available).

- **Most profitable course:** Identify the course with the highest revenue.

6. Paid vs Free Courses

- **Paid vs free:** Count how many courses are free and how many are paid.
- **Paid vs free per category:** Analyze the distribution of paid and free courses in each category.

7. Course Title Analysis

- **Longest/shortest titles:** Identify the courses with the longest and shortest titles.