We share knowledge with the world

Web-Scraping Project:-
Udemy

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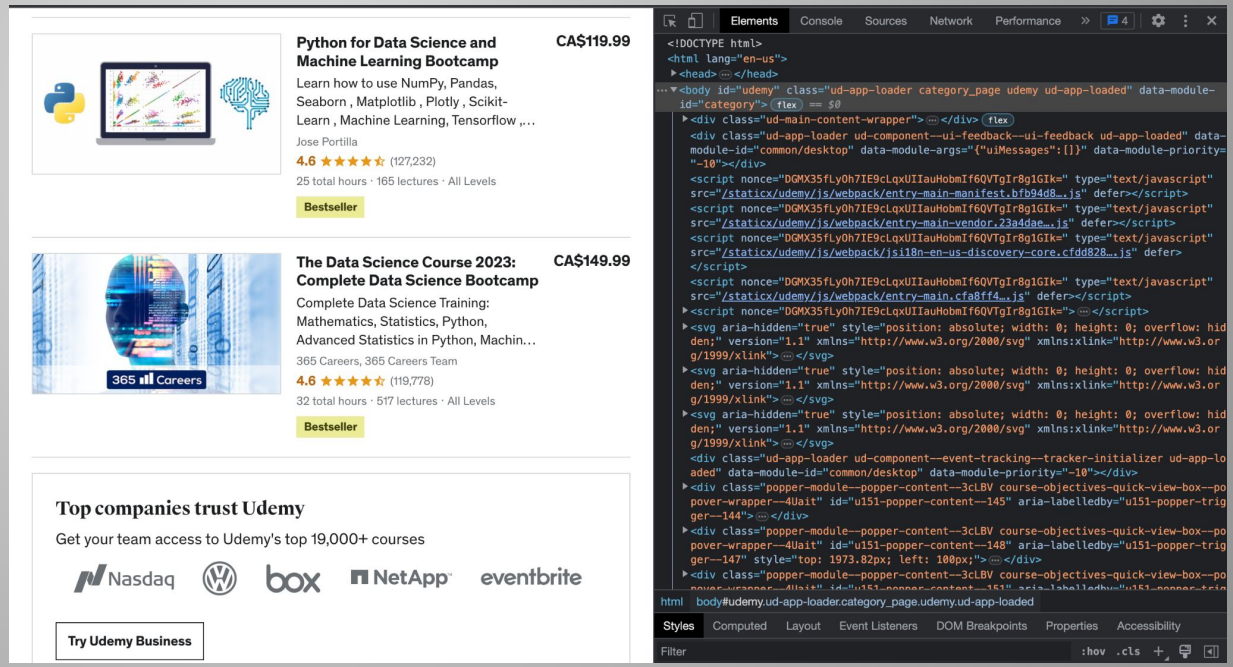
Udemy Intro

- Type - online learning and teaching platform
- Traded as - Nasdaq UDMY
- Industry - E-learning
- Founded - May 2010 (Eren Bali , Oktay Caglar and Gagan Biyani)
- Courses range - 200k+ with 800k+ enrollments and 59M+ learners
- Highlights :-
    - recognized In 2019, 2020, 2021, and 2022 as Bay Area Best Place to Work
    - Udemy business - helps companies by offering on-demand and cohort-based learning.

DataFrame

- Total Data Records:- 2,377
  - 7 columns
  - Data Science - 1,193
  - Network & Security - 1184
- Combined Data (based on common tutor):- 203
  - 24 common instructors

HTML Source Code/ Inspect tool

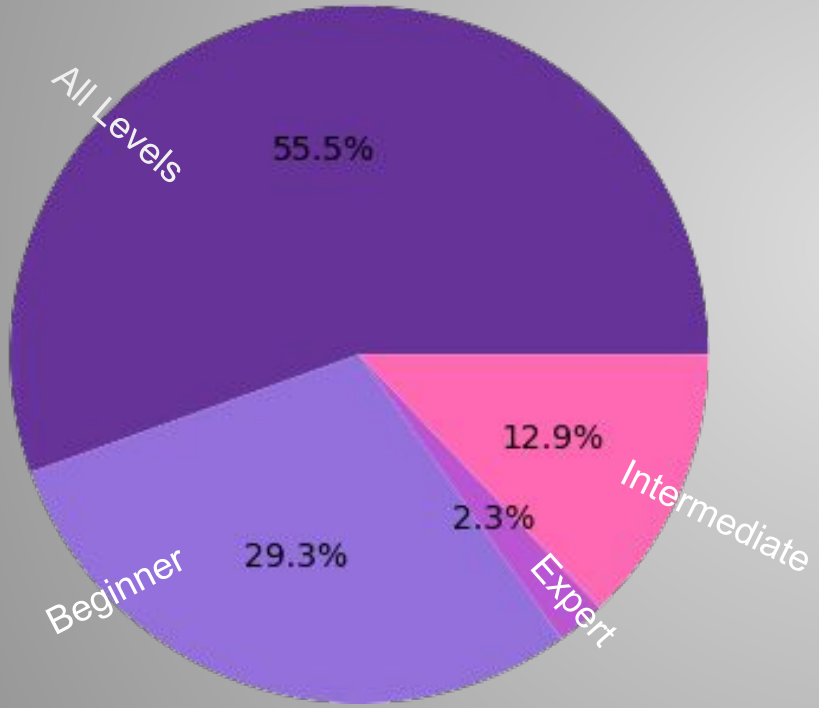


Interesting Findings

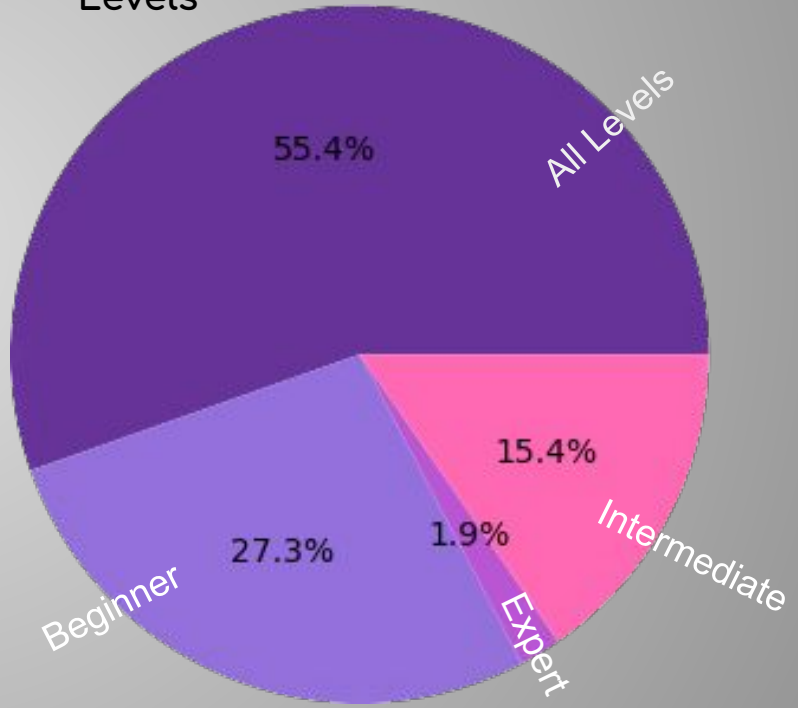
- Range of categories and sub-categories
- Wide selection of Languages on particular courses
- Data Science - 3,147 courses
- Network and Security - 5,162 courses
- Distribution of course levels
- Top Rated course and instructor
- Top course for both categories, and top tutors respectively
- Common Instructors from both categories

Distribution of course level

Data Science Course Levels

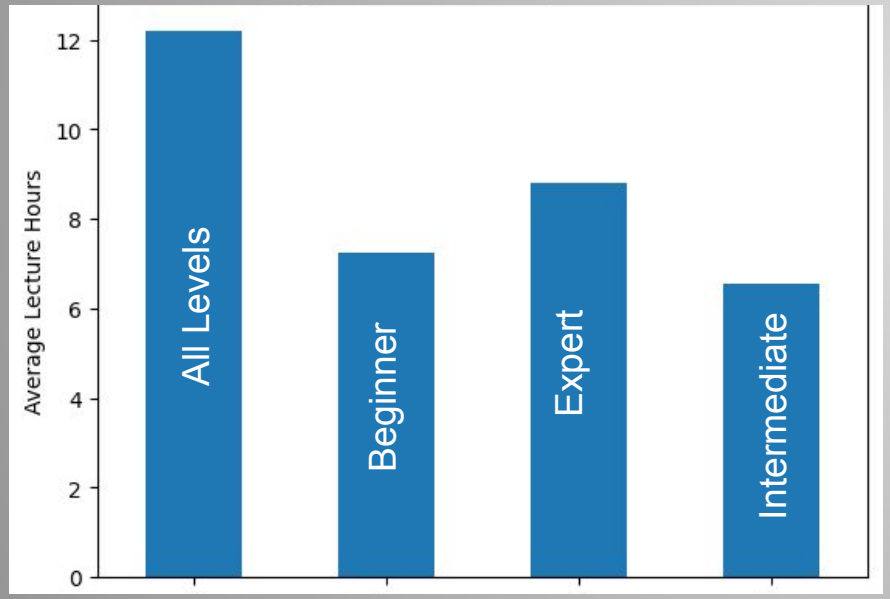


Network & Security Course Levels

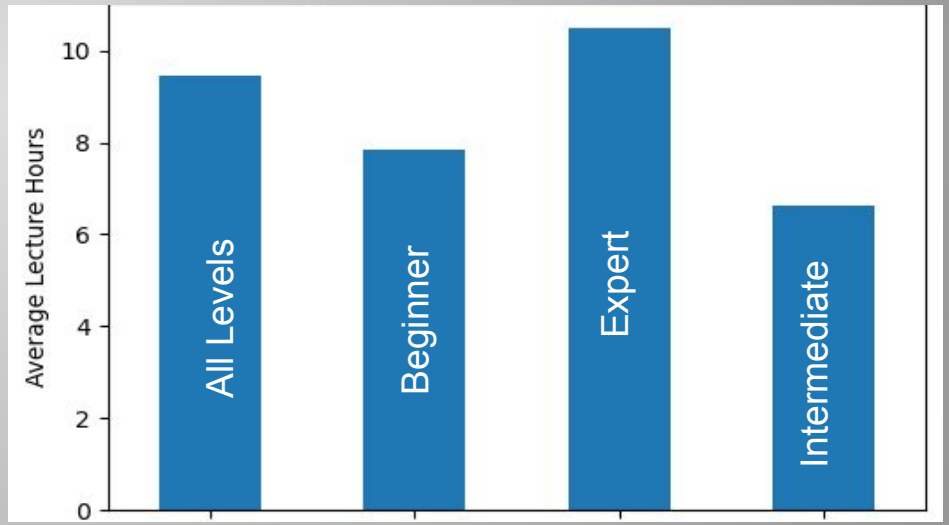


Average Course Hours

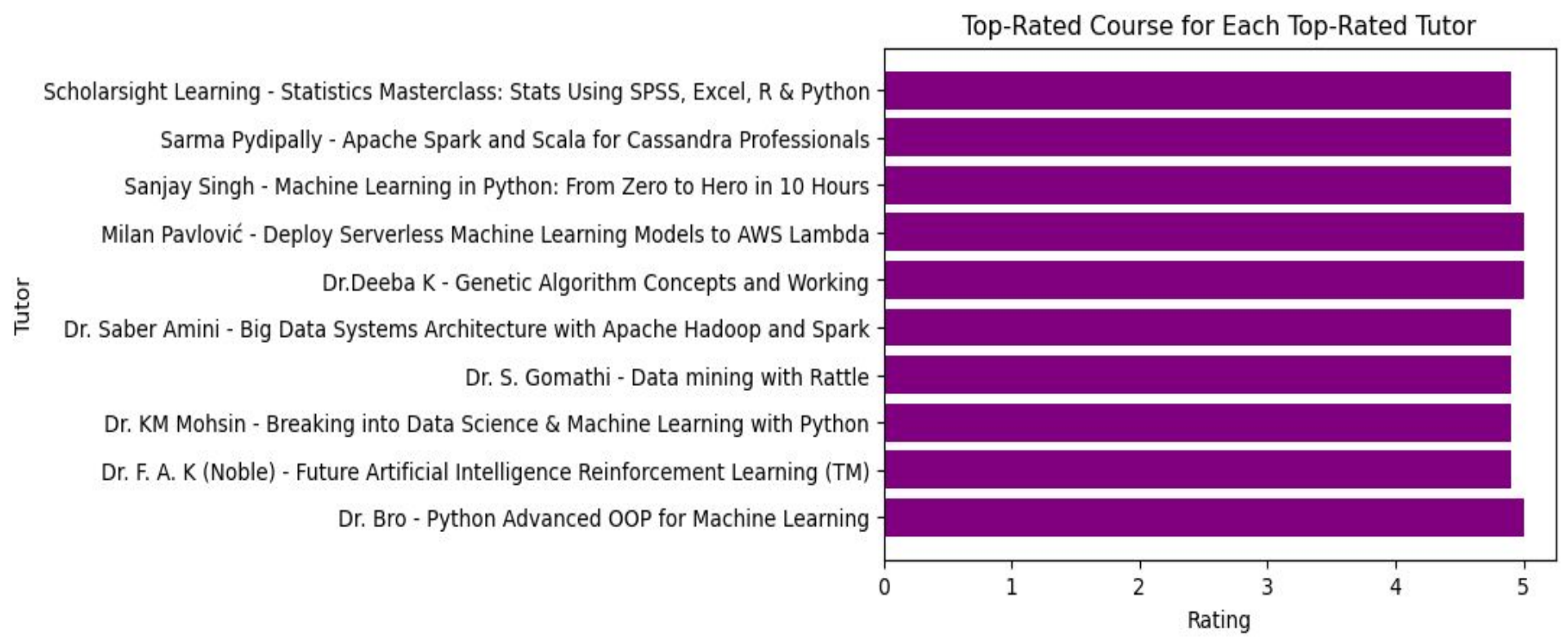
Data Science Course Level



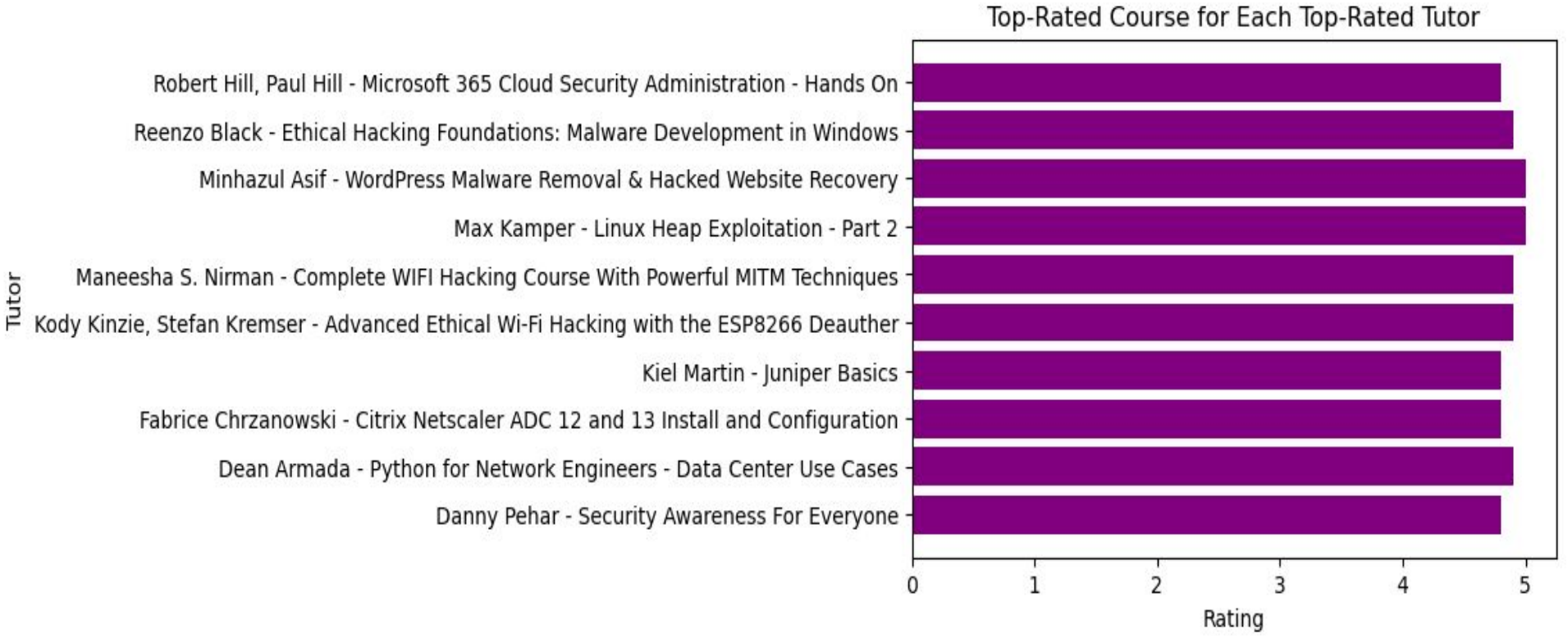
Network & Security Course Level



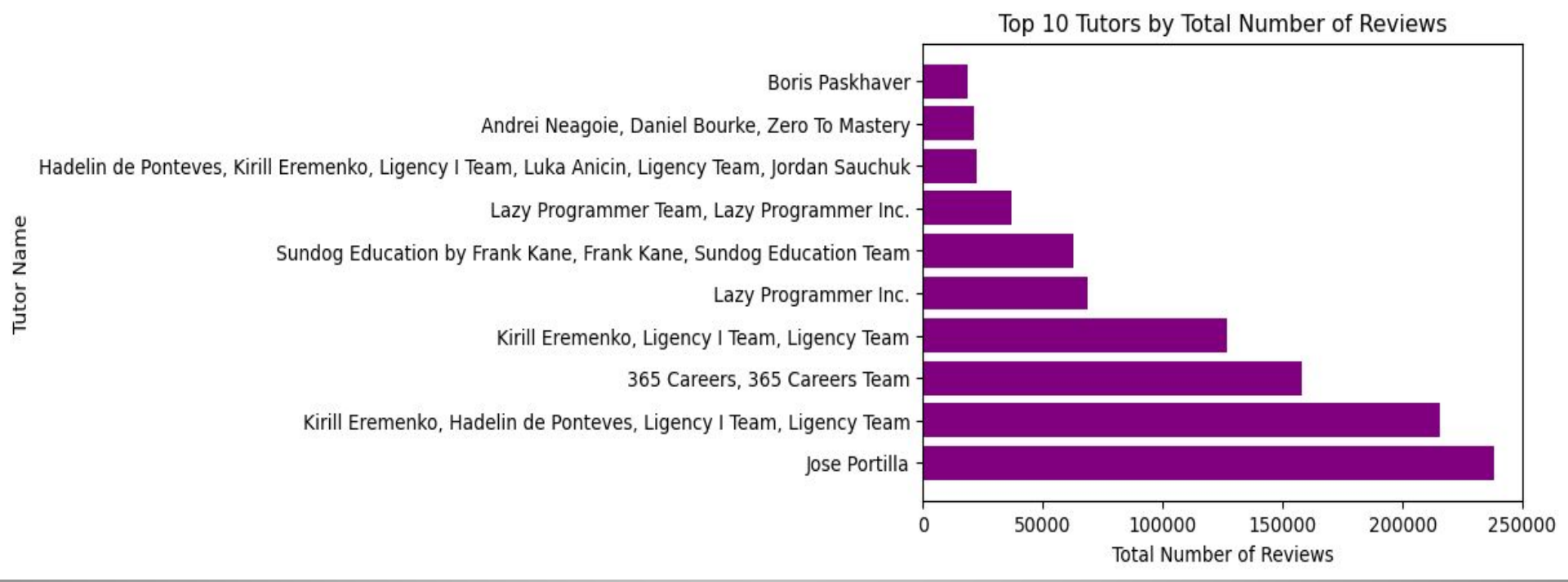
Top Rated Data Science Tutor's Course



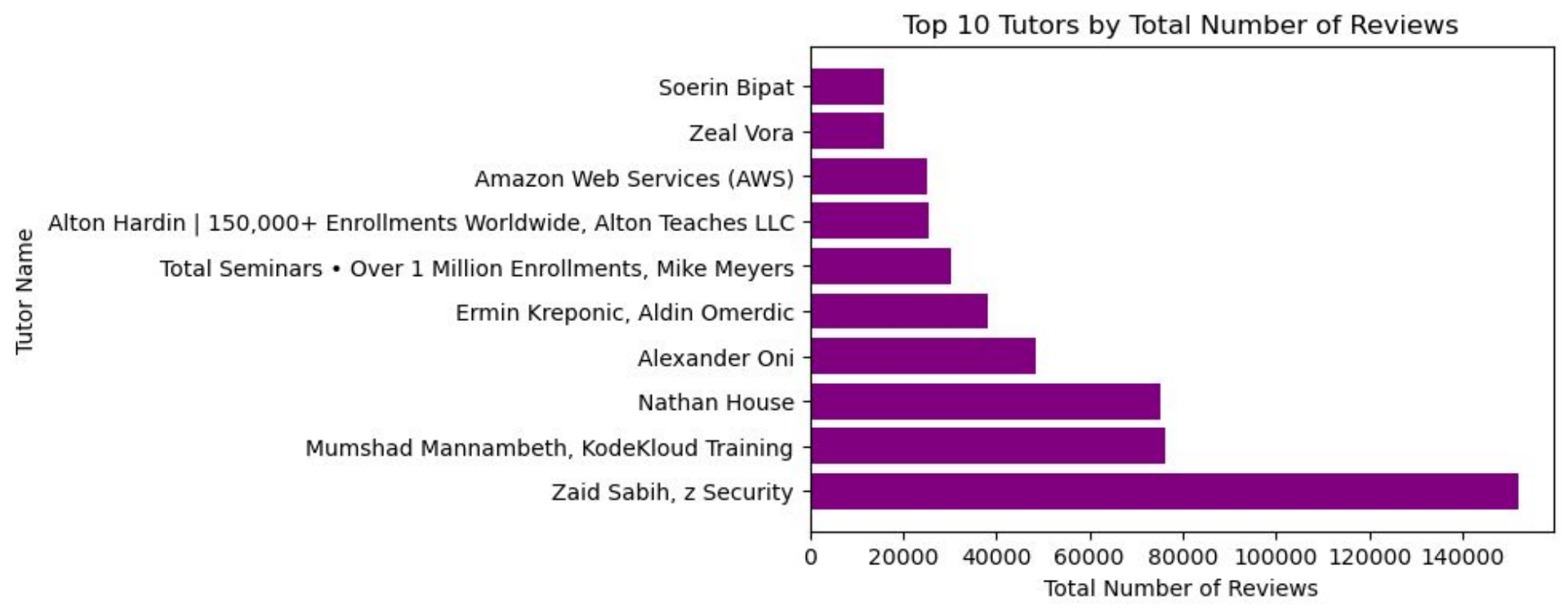
Top Rated Network & security Tutor's Course



Data Science Tutor's with top No. of reviews

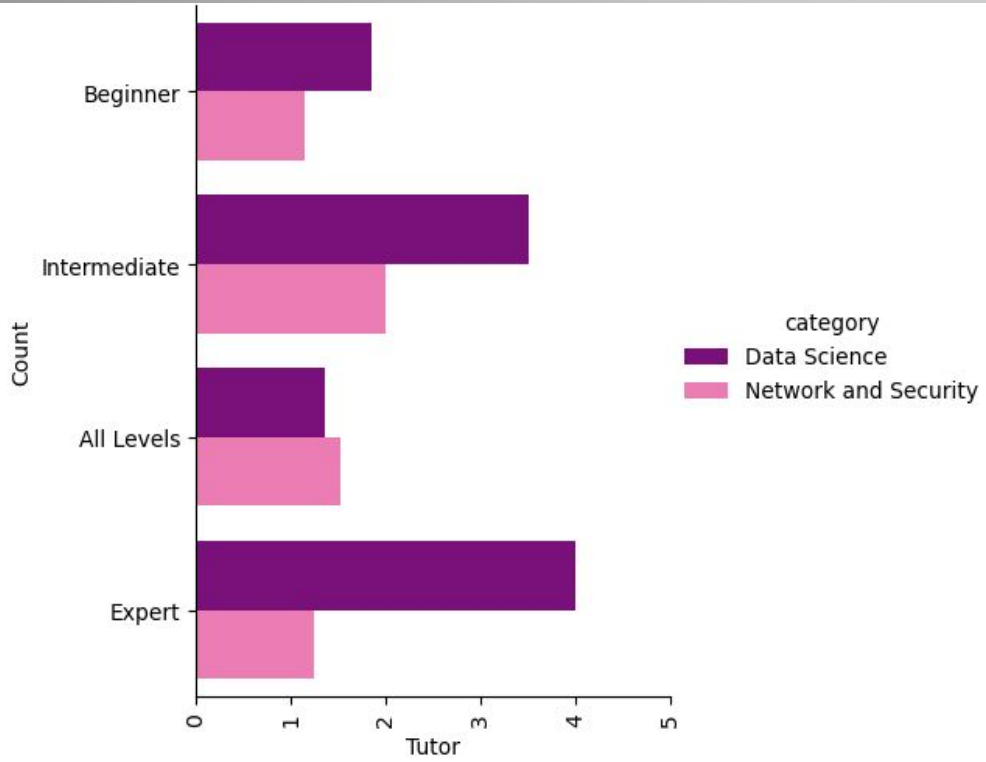


Network & Security Tutor’s with top No. of reviews



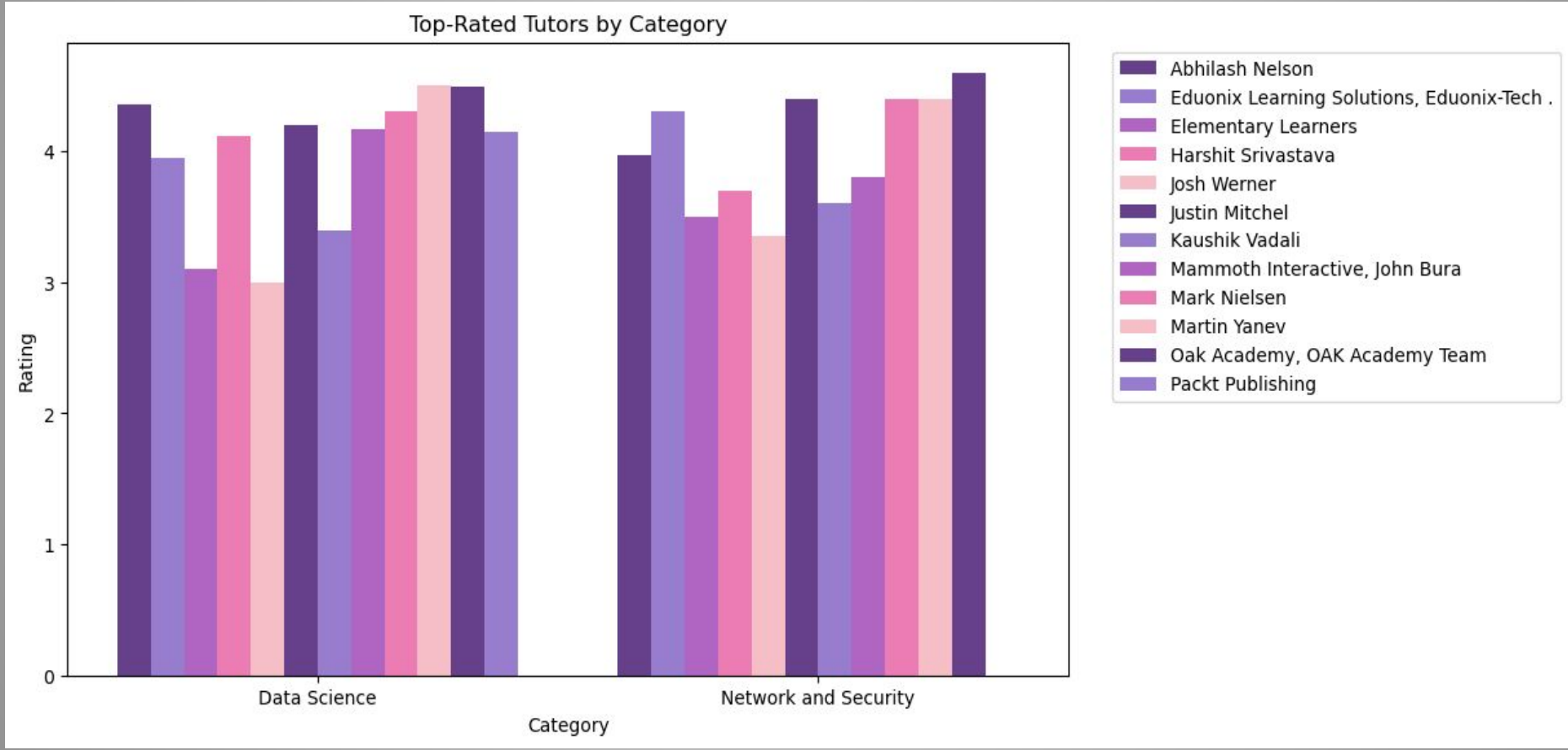
Common Tutor Analysis

Tutor's and Level of Courses



tutor	level	category	count
Packt Publishing	Beginner	Data Science	24
Packt Publishing	Intermediate	Data Science	19
Stone River eLearning	All Levels	Network and Security	15
Packt Publishing	Beginner	Network and Security	13
Oak Academy, OAK Academy Team	All Levels	Data Science	9
TetraNoodle Team, Manuj Aggarwal	All Levels	Network and Security	8
TELCOMA Global	All Levels	Network and Security	8
Packt Publishing	Expert	Data Science	8
Packt Publishing	Intermediate	Network and Security	7
Abhilash Nelson	All Levels	Data Science	7

Top Tutor's (Common) For Each Category



Conclusion

- Udemy has become a popular e-learning platform worldwide, with millions of students and thousands of instructors. It offers a convenient and flexible way for people to learn new skills or gain knowledge on a wide range of topics."
- E-learning websites like Udemy offer a convenient and flexible way for people to learn new skills or gain knowledge on a wide range of topics.
- With the COVID-19 pandemic there has been an increased demand for online learning resources, which has contributed to the growth of e-learning websites like Udemy.
- It’s course offerings are diverse, covering a broad range of topics from business to technology to personal development.
- Udemy's ratings and review system allows students to evaluate the quality of the courses and instructors, and provides a level of transparency and accountability that helps to maintain the platform's credibility.

Challenges

- Websites that use dynamic loading to display content. (Dynamic loading means that the website loads new content as the user scrolls down or clicks on buttons.)
- "The price data wasn't scraped due to strict scraping policies, such as limits on the number of requests or bans on certain IP addresses."
- However, we should be careful not to scrape too frequently or aggressively, as this can still trigger anti-scraping measures.

Thank You

Keep learning keep growing