High Level System Summary

Students
10
Total Students

Courses
10
Total Courses
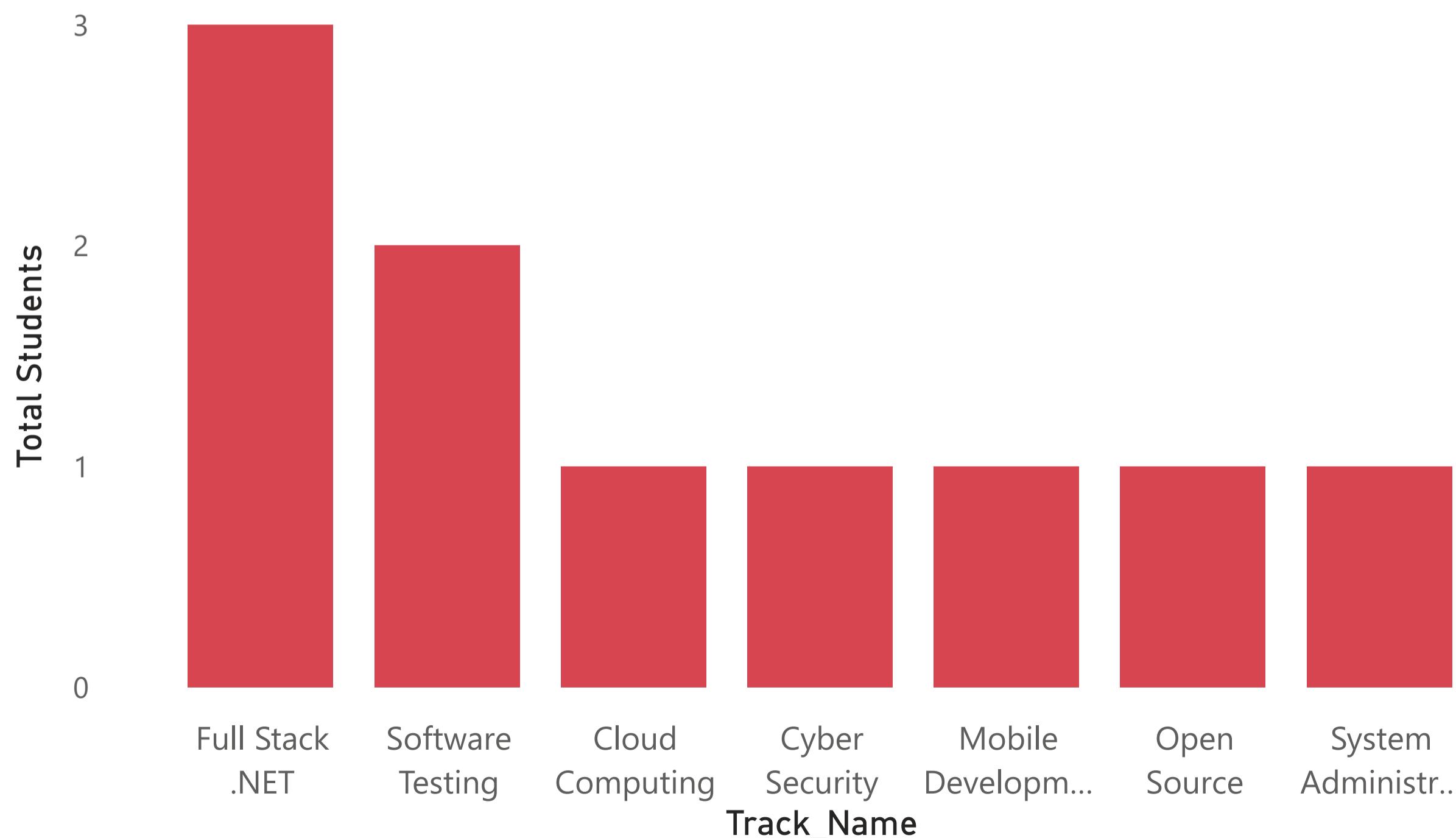
Instructors
10
Total Instructors
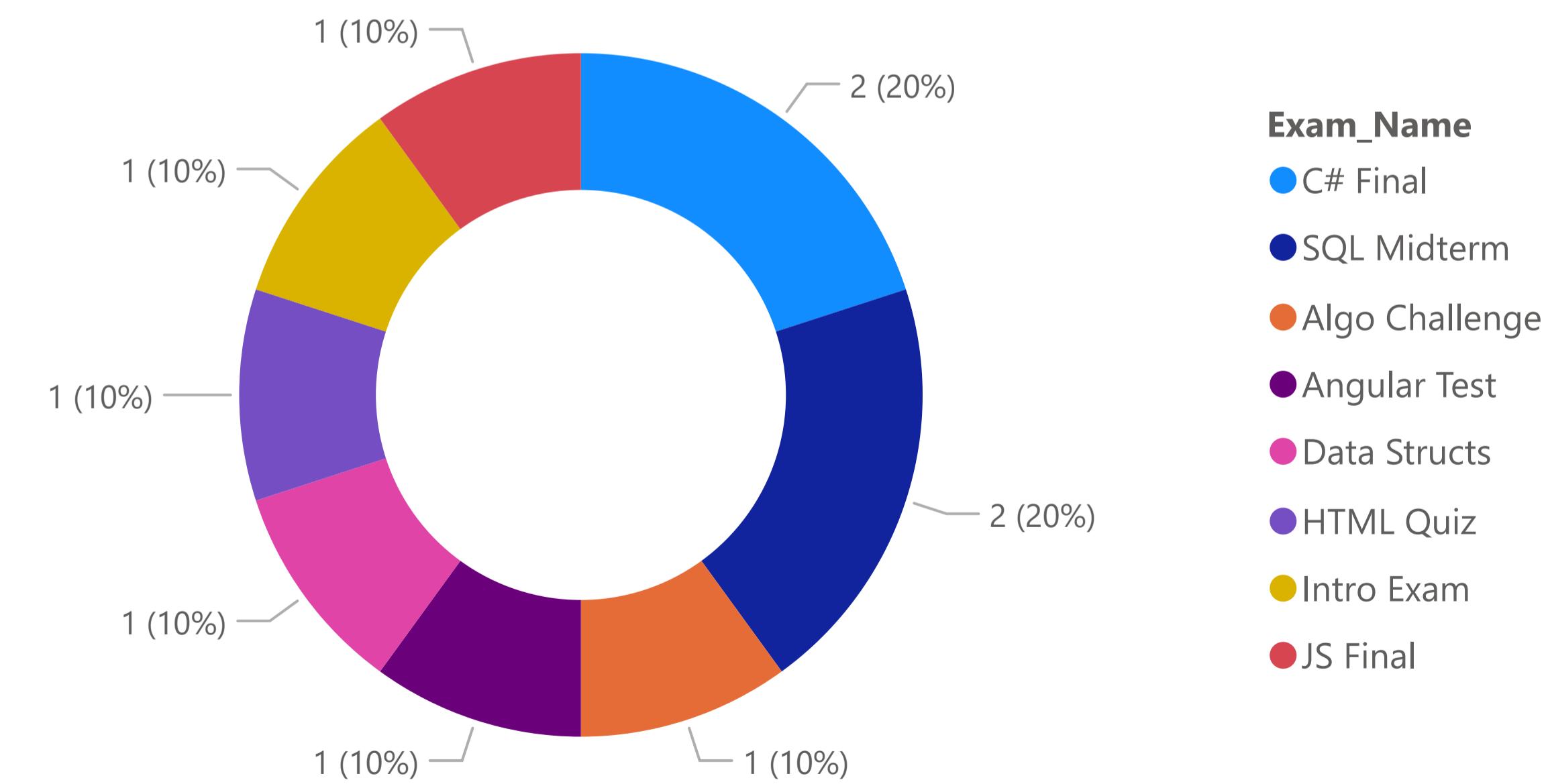
Exams
10
Total Exams

Total Students Per Track_Name

Exam Takers

Exam_Name
- C# Final
- SQL Midterm
- Algo Challenge
- Angular Test
- Data Structs
- HTML Quiz
- Intro Exam
- JS Final
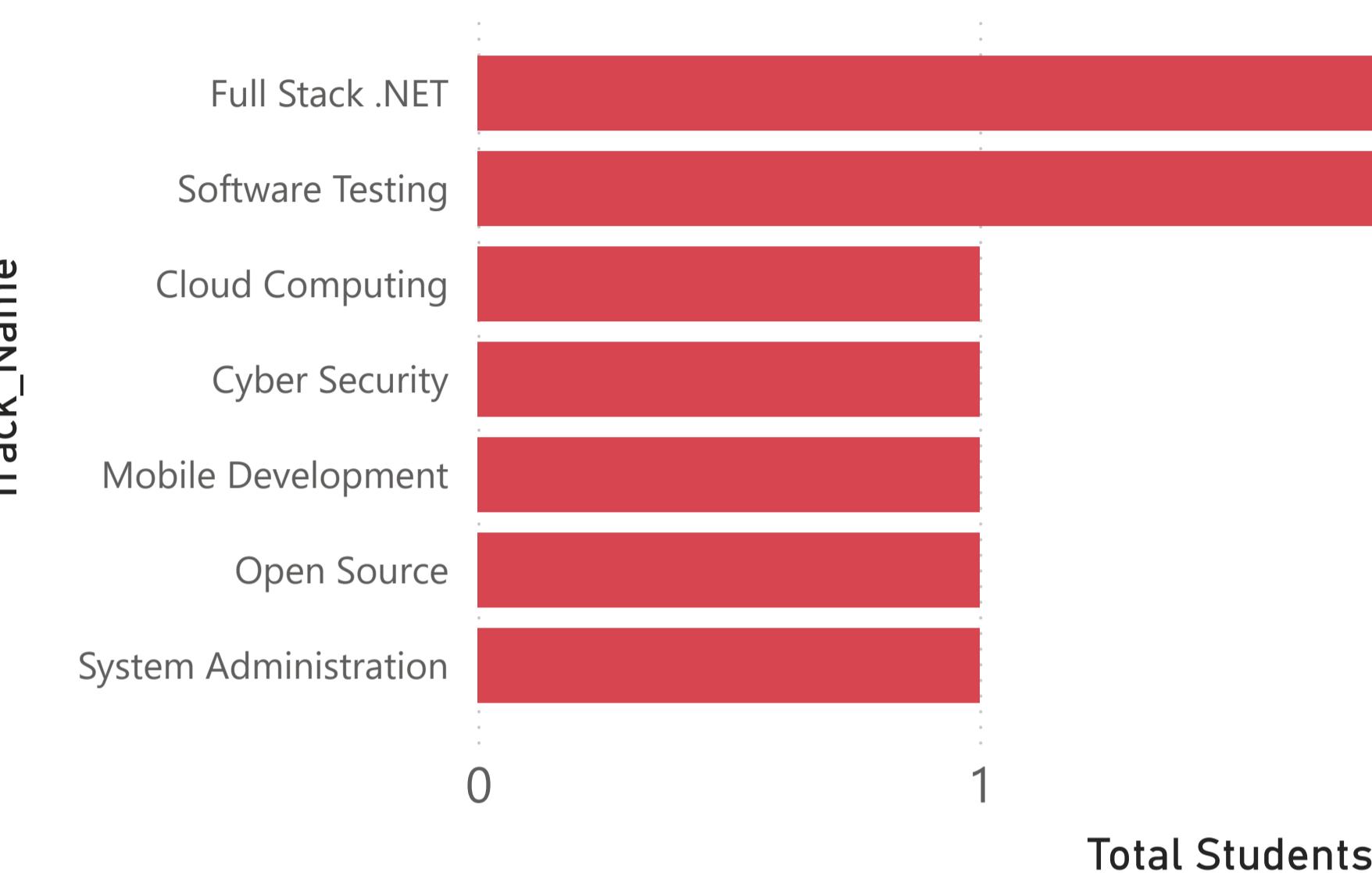
STUDENT & TRACK ANALYSIS
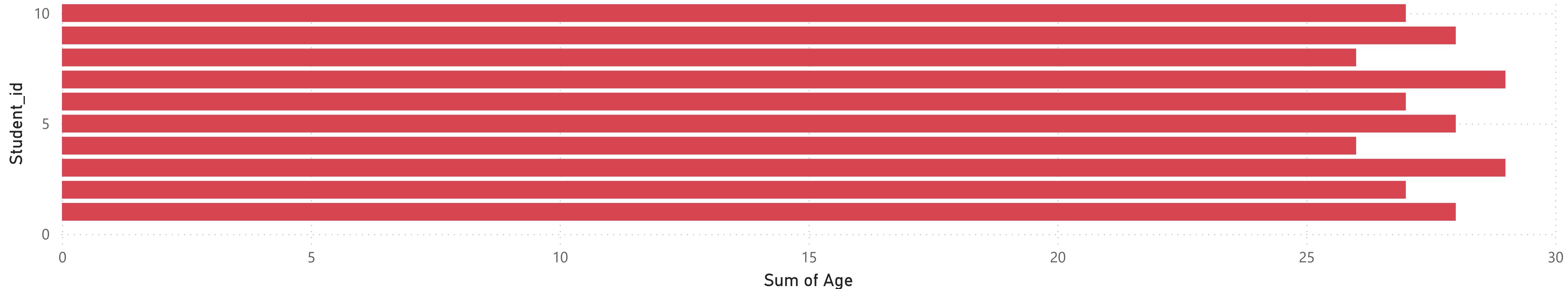
Students by Track_Name

Student Information Per Track

| Student_id	First_name	Last_name	Sum of Age	Track_Name
1	Ali	Kamal	28	Full Stack .NET
2	Mai	Ezzat	27	Full Stack .NET
3	Sayed	Ragab	29	Software Testing
4	Salma	Nasser	26	Software Testing
5	Hassan	Fathy	28	Open Source
6	Nour	ElDin	27	Mobile Development
7	Youssef	Tarek	29	Full Stack .NET
8	Mariam	Emad	26	System Administration
9	Karim	Abdelrahman	28	Cloud Computing
10	Rana	Saeed	27	Cyber Security

Age by Student_id
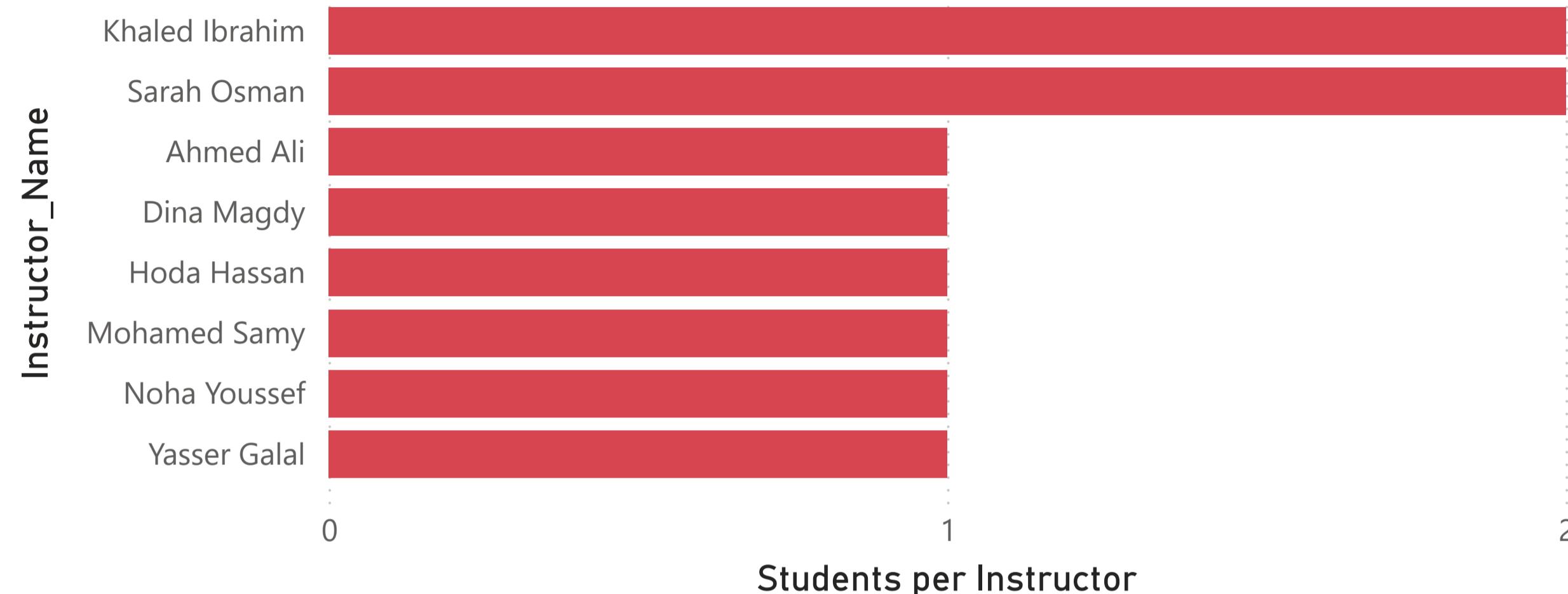
INSTRUCTOR & COURSE LOAD

Courses Taught by Instructor_Name

### Students per Instructor by Instructor_Name
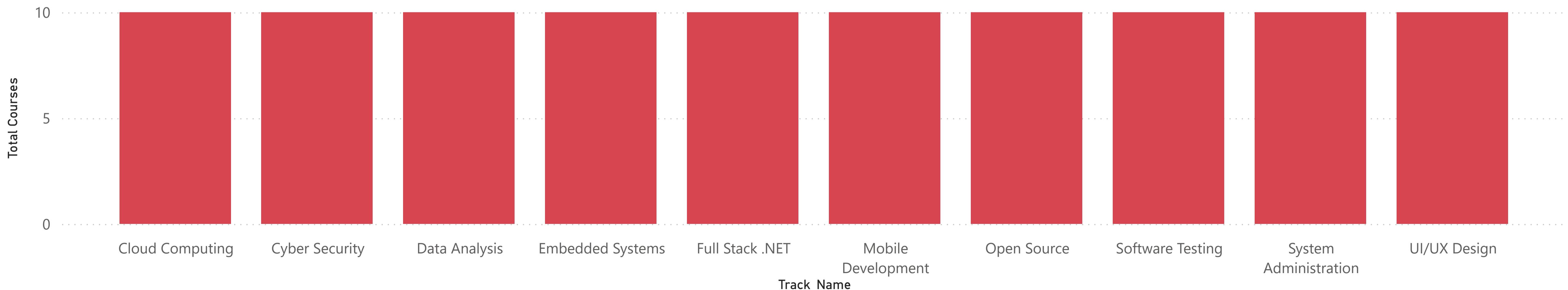
Courses Taught	Instructor_Name	Students per Instructor
1	Ahmed Ali	1
1	Dina Magdy	1
1	Hoda Hassan	1
1	Khaled Ibrahim	2
1	Mohamed Samy	1
1	Mona Zaki	
1	Noha Youssef	1
1	Omar Sherif	
1	Sarah Osman	2

# COURSE & TOPIC ANALYSIS

Topics Count by Course_Name
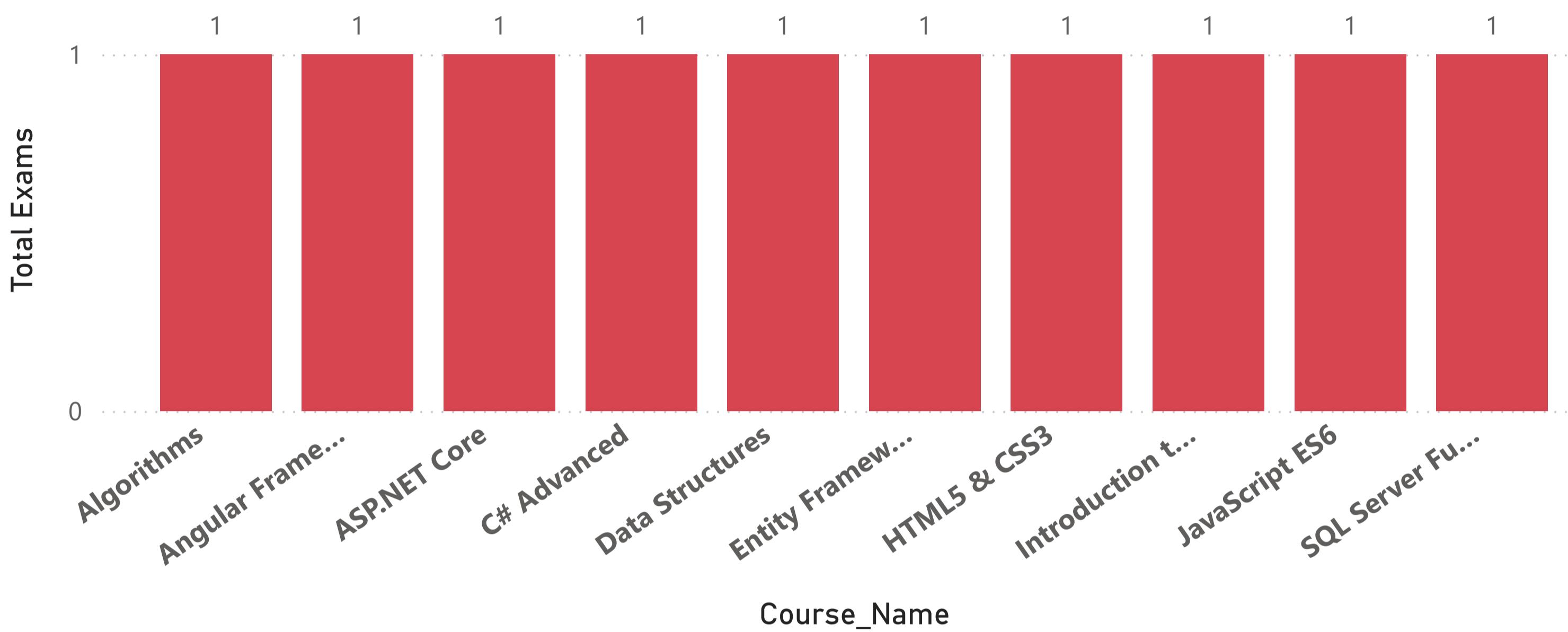
## Total Courses by Track_Name
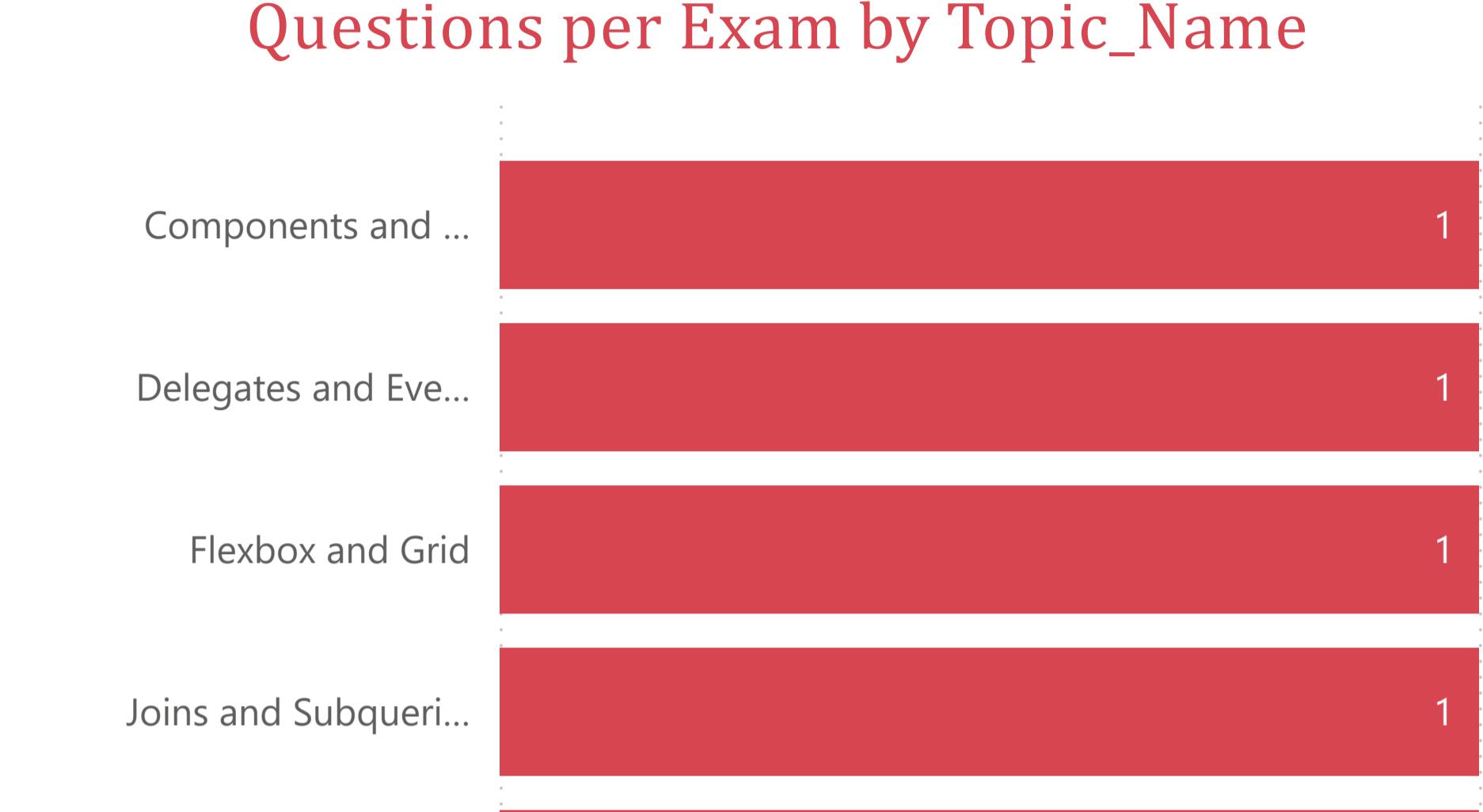
EXAM & QUESTION ANALYSIS
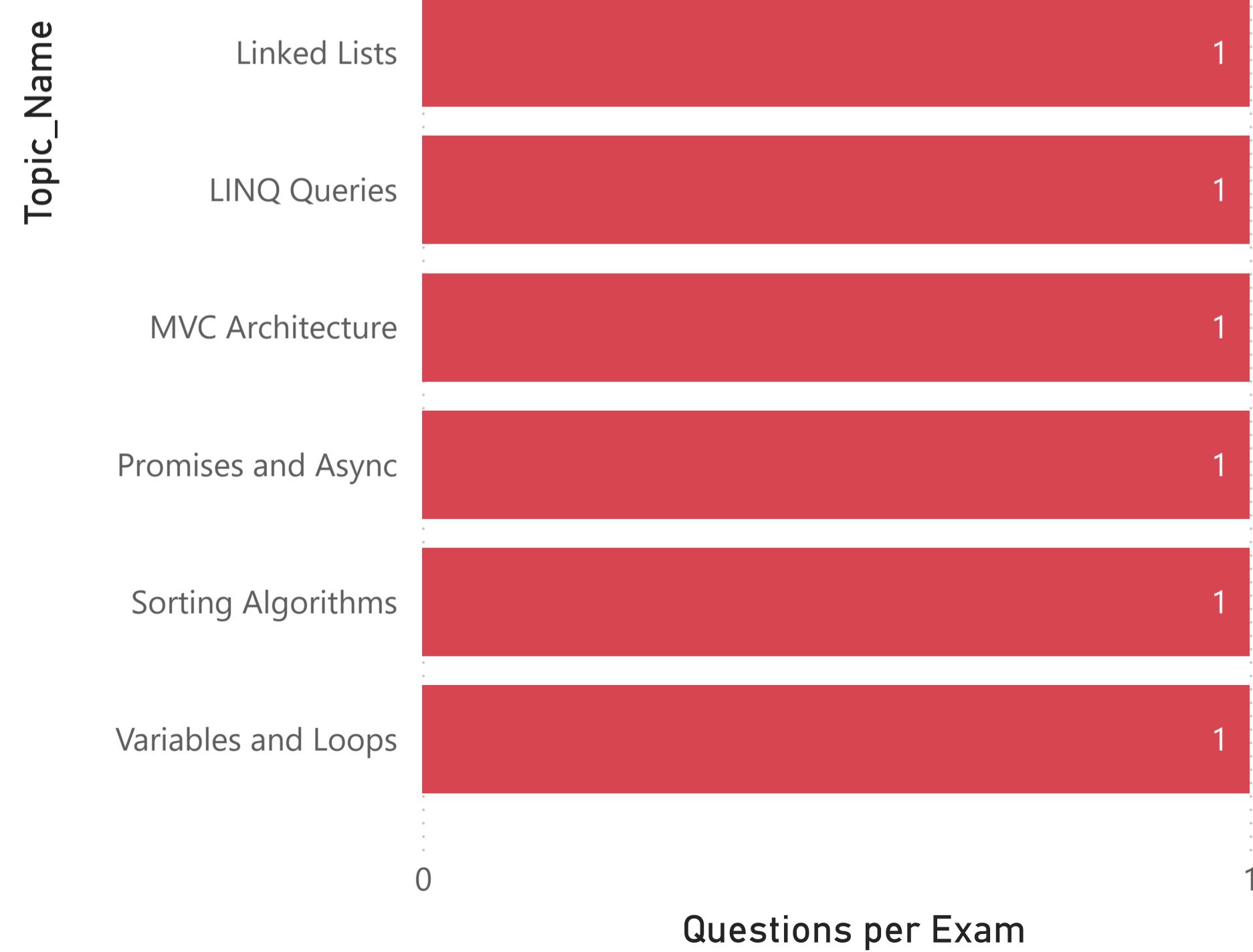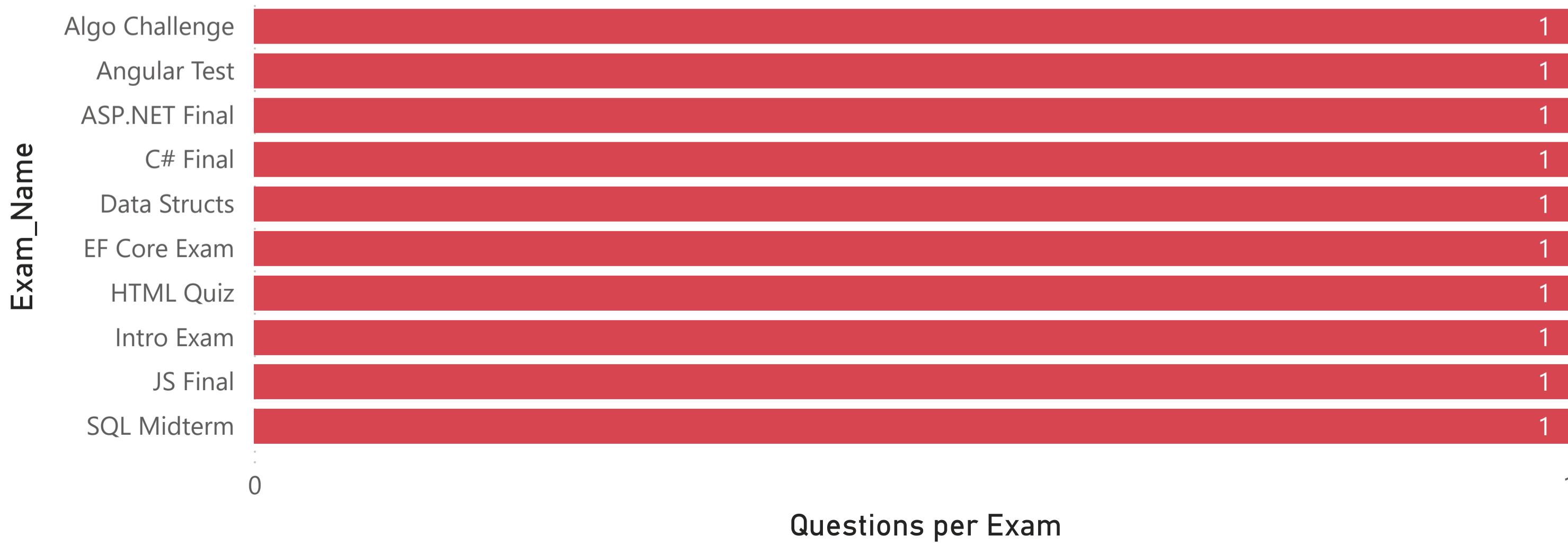
Total Exams by Course_Name

Questions per Exam by Topic_Name

Questions per Exam by Exam_Name

Students Enrolled in a Track

Track 1	Students In Track 1	Track 2	Students in Track 2
Full Stack .NET First Track name	**3** Total_Students	**Software Testing** First Track name	**2** Total_Students_in_track_2

Full_Name	Track name	Student_id	Birth_date
Youssef Tarek	**Full Stack .NET**	**7**	**4/5/1997 12:00:00 AM**
Ali Kamal	**Full Stack .NET**	**1**	**5/10/1998 12:00:00 AM**
Mai Ezzat	**Full Stack .NET**	**2**	**3/15/1999 12:00:00 AM**

Full_Name	Track name	Student_id	Birth_date
Salma Nasser	**Software Testing**	**4**	**1/1/2000 12:00:00 AM**
Sayed Ragab	**Software Testing**	**3**	**12/20/1997 12:00:00 AM**

Instructor Courses & Student Load

| Courses Taught	Students Taught	Courses Taught	Students Taught
1 Total_Courses for instructor id = 2	**2** Total_Students_Taught_SP_2	**1** Total_Courses_for instructor id = 3	**1** Total_Students_Taught_SP_3
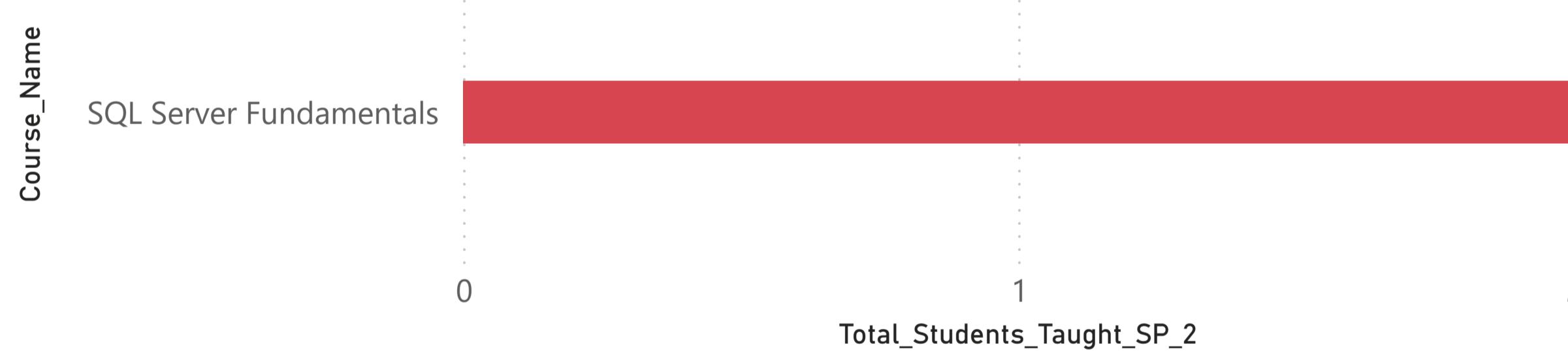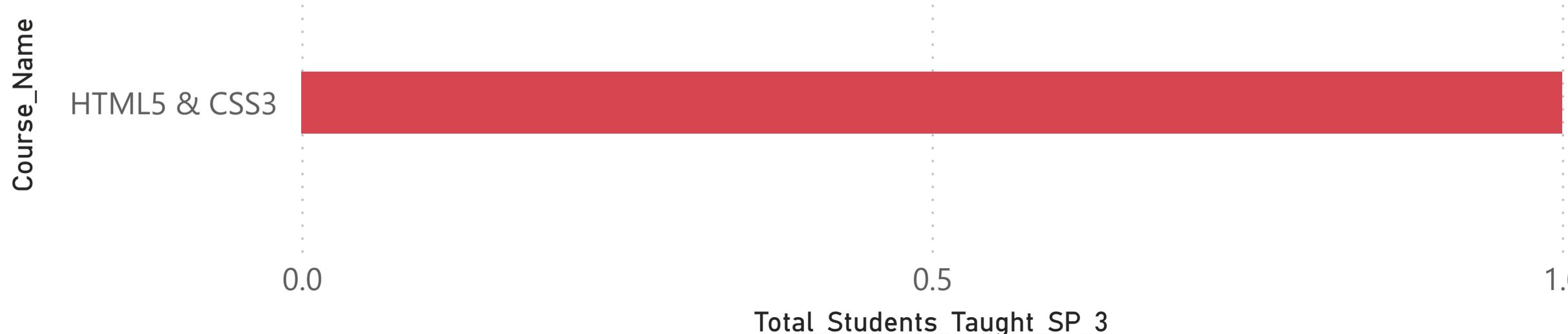
Total_Students_Taught by instructor of id = 2 per Course_Name

Course_Name	Total Students
SQL Server Fundamentals	**2**

Total_Students_Taught by instructor of id = 3 per Course_Name

Course_Name	Total_Students
HTML5 & CSS3	**1**

Topics of a Course

Total Topics

1

Total_Topics_for_course_with_id = 1

Topic_Name	Course_id
Variables and Loops	1

Total Topics

1

Total_Topics_for_course_with_id = 2

Topic_Name	Course_id
Joins and Subqueries	2