

## SQL QUERIES USED

1. How do the highest ranked universities stack up against their faculty student ratio? Also what is the overall correlation coefficient?

```
SELECT
    university,
    rank,
    faculty_student_ratio
FROM
    my-data-project-401909.top_universities.ranking_2024
ORDER BY
    rank
LIMIT 20;
```

2. Which universities have an overall score that is greater than the average overall score?

```
SELECT
    university,
    overall_score
FROM
    my-data-project-401909.top_universities.ranking_2024
WHERE
    overall_score >
        (SELECT
            AVG (overall_score) AS average_overall_score
        FROM
            my-data-project-401909.top_universities.ranking_2024)
```

3. What are the top ranked universities and how do they compare against the employment outcome metric?

```
SELECT
    university,
    rank,
    employment_outcomes
FROM
    my-data-project-401909.top_universities.ranking_2024
ORDER BY
    rank
LIMIT 20;
```

#### 4. How do universities with the highest international research network match up against the university rankings?

```
SELECT
  University,
  rank,
  international_research_network
FROM
  my-data-project-401909.top_universities.ranking_2024
ORDER BY
  international_research_network DESC
LIMIT 20;
```

#### 5. What is the sustainability of universities with the highest academic and employer reputation?

```
SELECT
  university,
  MAX (academic_reputation) AS high_academic_rep,
  MAX (employer_reputation) AS high_employer_rep,
  sustainability
FROM
  my-data-project-401909.top_universities.ranking_2024
GROUP BY
  university,
  sustainability
LIMIT
  20;
```