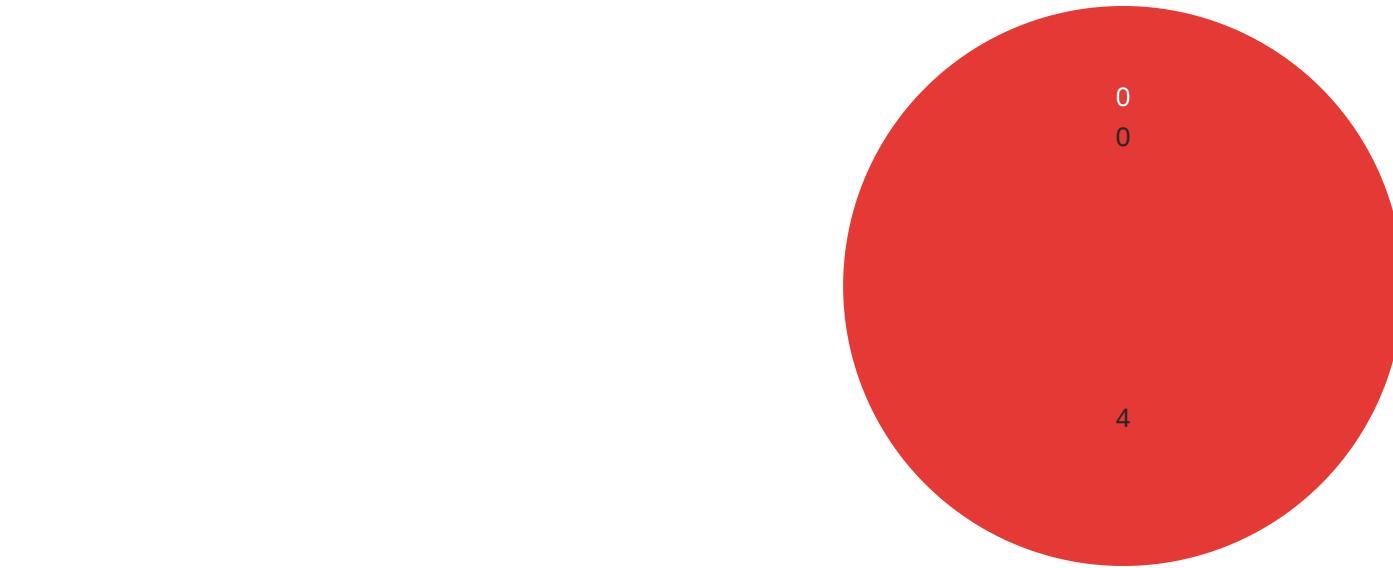
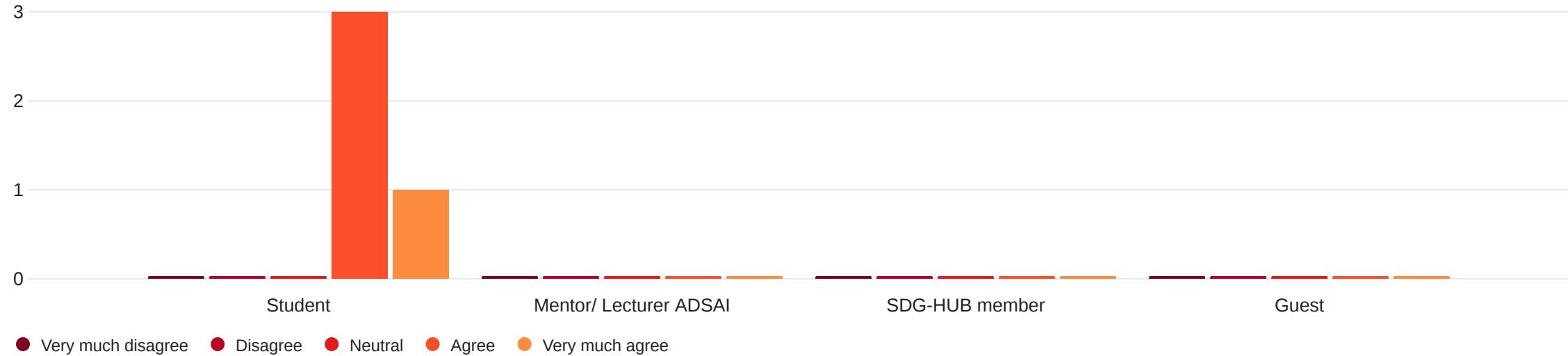


Respondent Type:



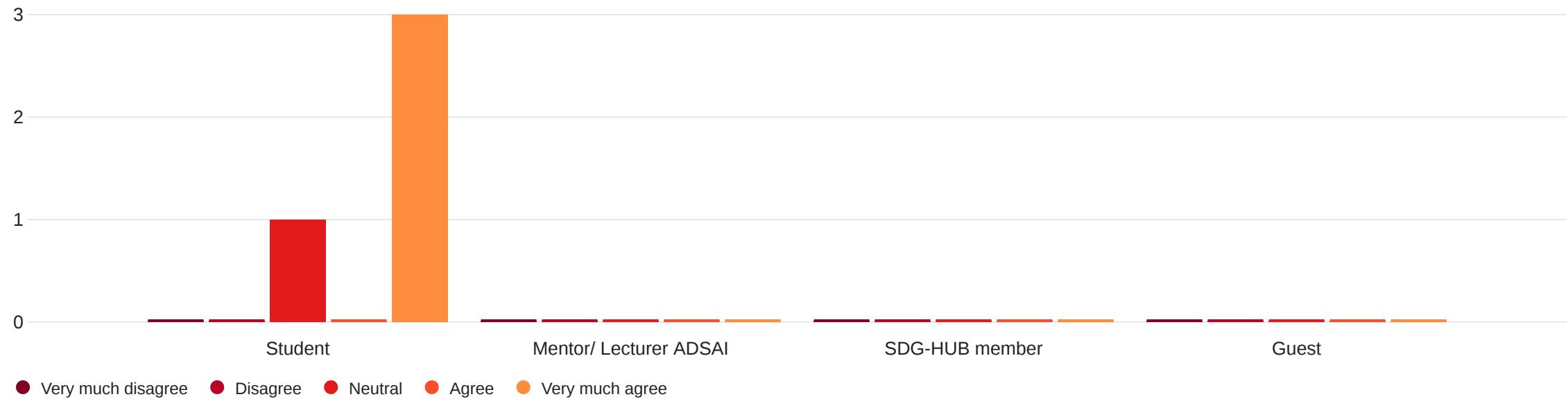
● Guest ● SDG-HUB member ● Mentor/ Lecturer ADSAI ● Student

4.1.1 Poor - The student is able to describe data using measure of central tendency such as mean, median, mode or measures of dispersion such as standard deviation, range and IQR and determine which measure is best applicable to solve a use-case using Power BI.



| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to describe data using measure of central tendency such as mean, median, mode or measures of dispersion such as standard deviation, range and IQR and determine which measure is best applicable to solve a use-case using Power BI. | | 4.00 | 5.00 | 4.25 | 4.00 | 0.43 | 0.19 | 4 | 17.00 |

4.1.2 Insufficient - The student is able to create appropriate data visualisations, and determine which visual is best applicable to solve a use-case using Power BI.

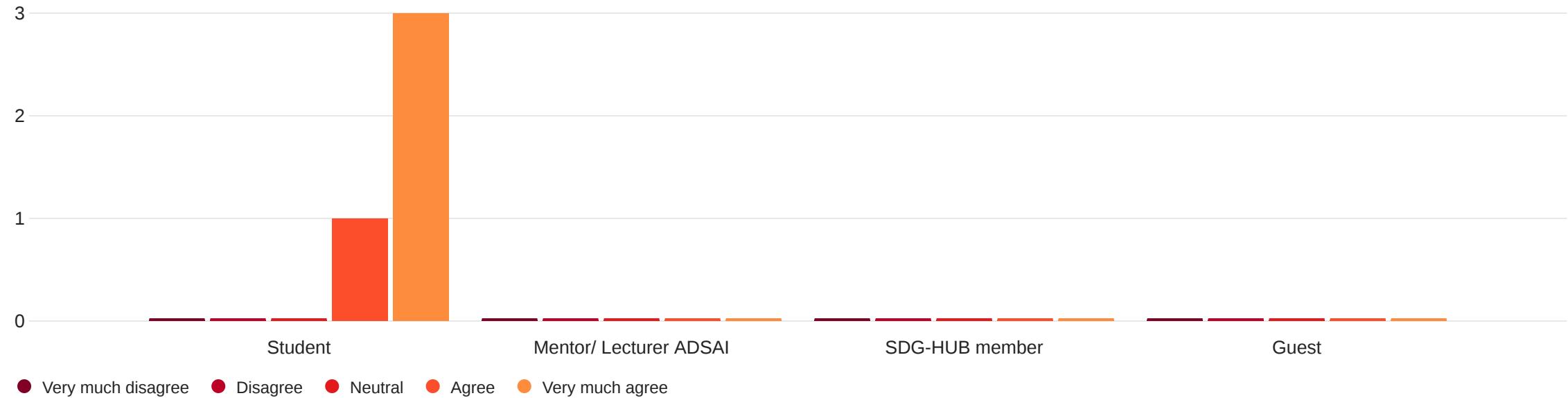


| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to create appropriate data visualisations, and determine which visual is best applicable to solve a use-case using Power BI. | 3.00 | 5.00 | 4.50 | 5.00 | 0.87 | 0.75 | 4 | 18.00 |

Select a Metric

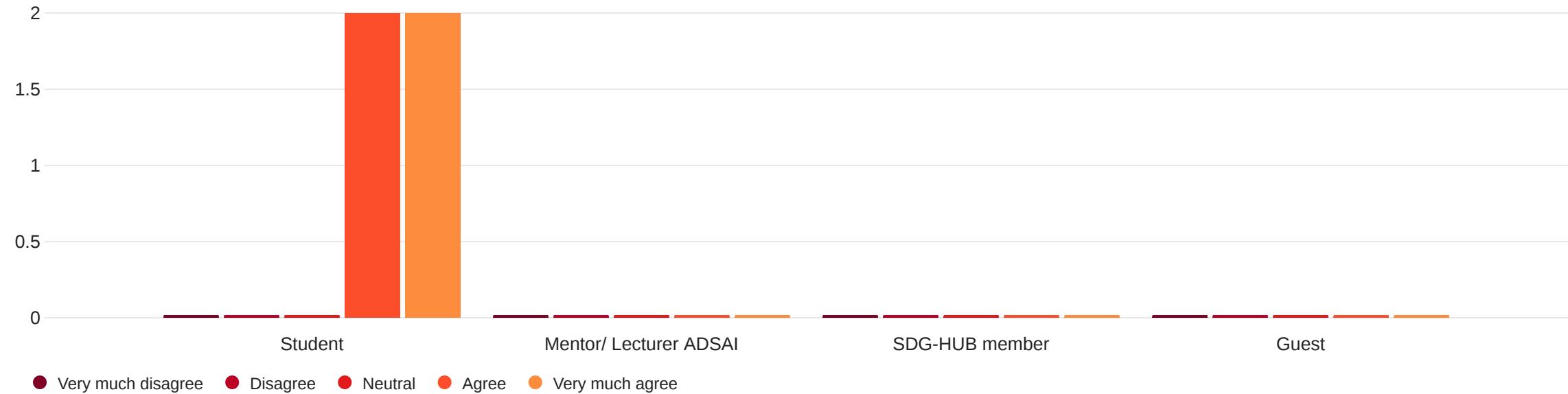
An unexpected error has occurred

4.1.3 Sufficient - The student is able to calculate and interpret measures of association such as a correlation coefficient to solve a use-case using Power BI.



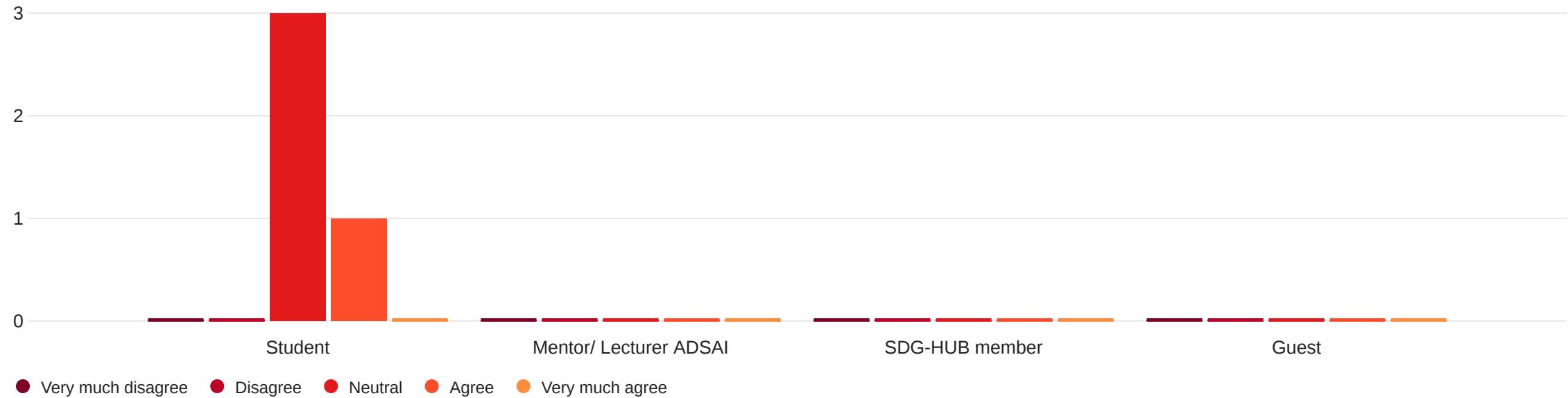
| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to calculate and interpret measures of association such as a correlation coefficient to solve a use-case using Power BI. | | 4.00 | 5.00 | 4.75 | 5.00 | 0.43 | 0.19 | 4 | 19.00 |

4.1.4 Good - Student is able to incorporate data-driven storytelling techniques and user experience (UX) design principles to create an intuitive and clearly comprehensible dashboard.



| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| Student is able to incorporate data-driven storytelling techniques and user experience (UX) design principles to create an intuitive and clearly comprehensible dashboard. | | 4.00 | 5.00 | 4.50 | 4.50 | 0.50 | 0.25 | 4 | 18.00 |

4.1.5 Excellent - Student is able to recognize the data science lifecycle as an iterative process and can clearly distinguish between phases of CRISP-DM.



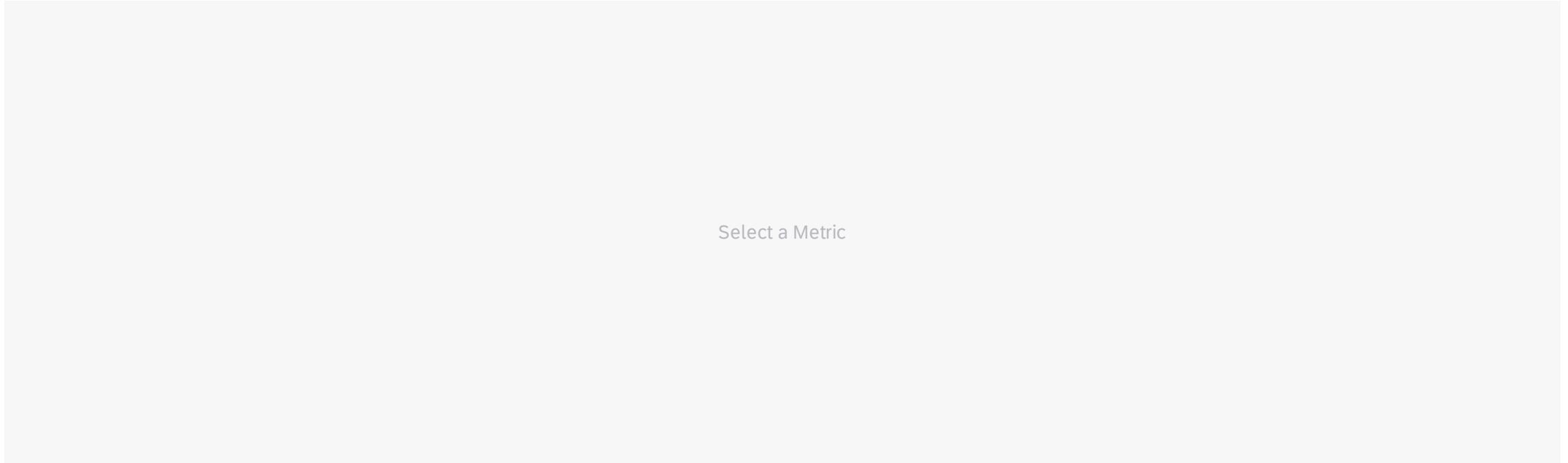
| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---|------|------|------|--------|--------------------|----------|-----------|-------|
| Student is able to recognize the data science lifecycle as an iterative process and can clearly distinguish between phases of CRISP-DM. | 3.00 | 4.00 | 3.25 | 3.00 | 0.43 | 0.19 | 4 | 13.00 |

Select a Metric

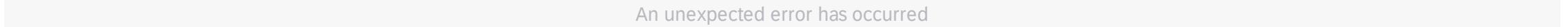
An unexpected error has occurred

Select a Metric

An unexpected error has occurred



Select a Metric



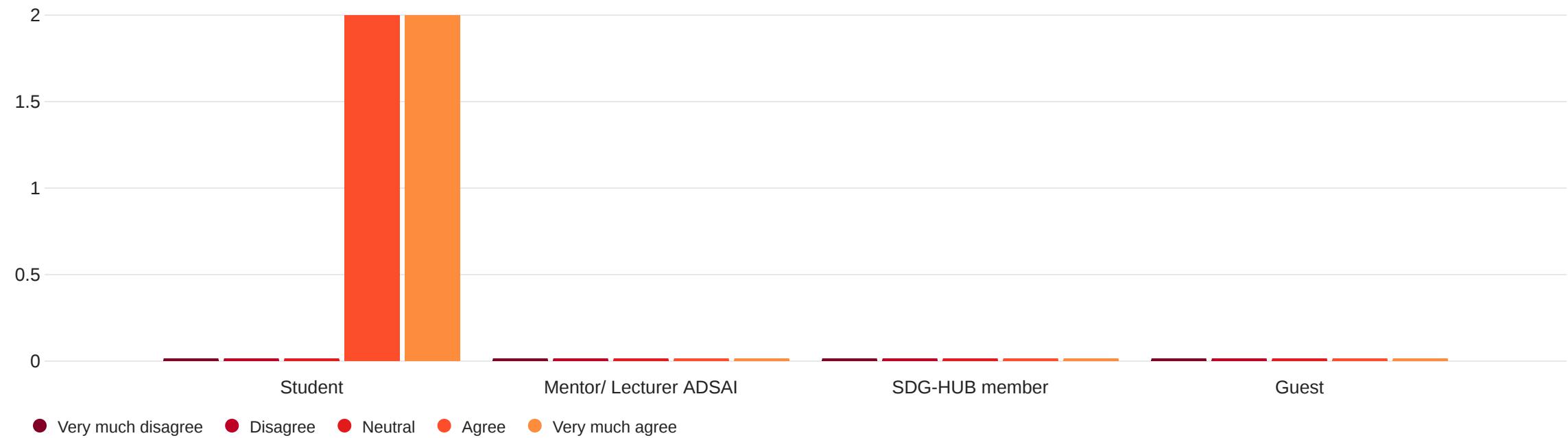
An unexpected error has occurred

4.1_QualFeedback - Optional: Feedback or notes on the dashboard itself?

Optional: Feedback or notes on the dashboard itself?

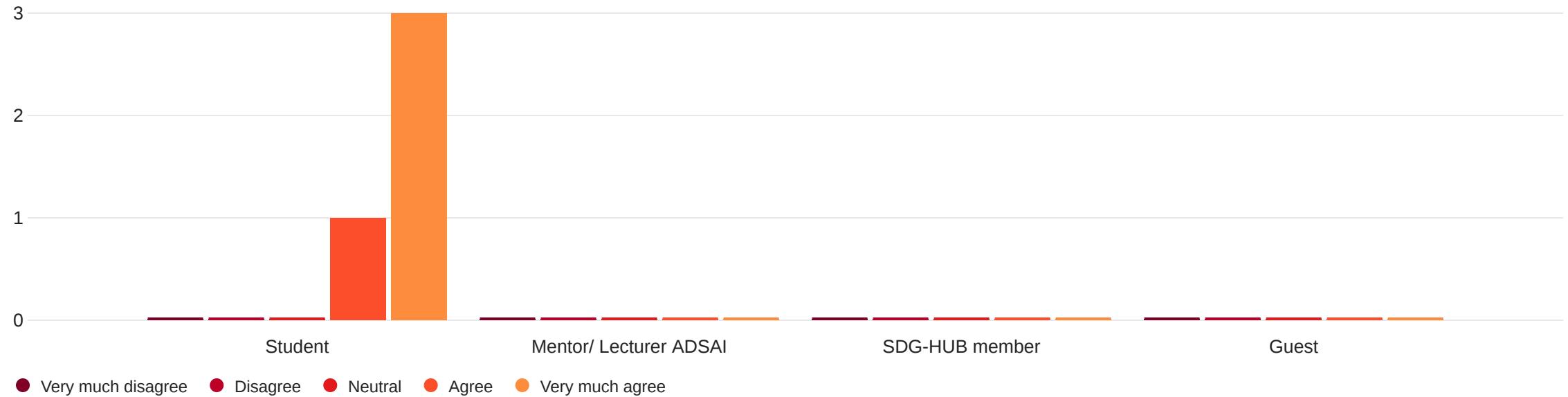
Make the titles clearer, I don't understand some of them

4.2.1 Poor - The student is able to compose a clear data-driven research question.



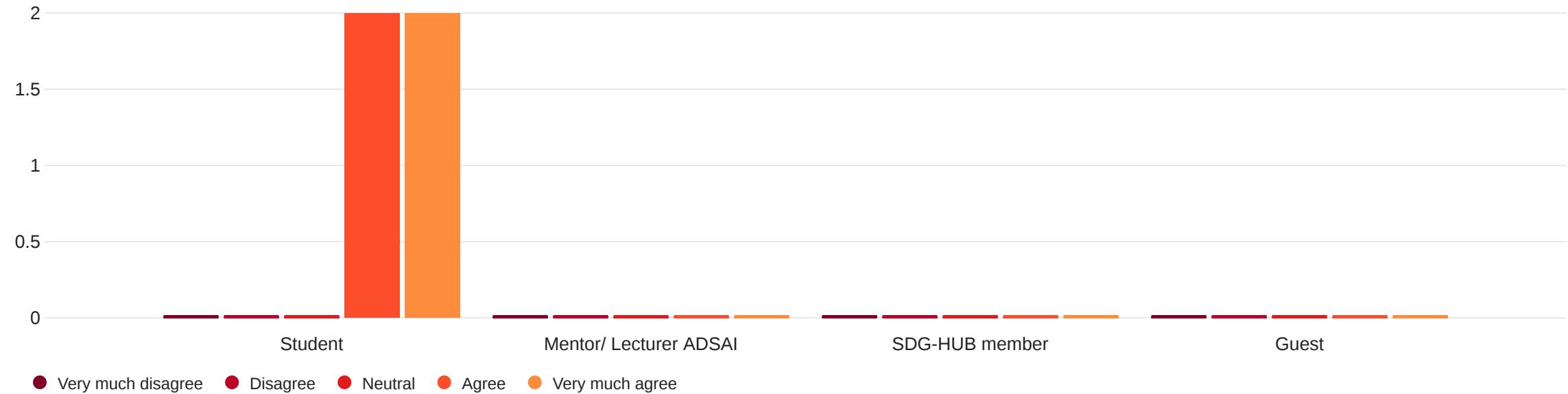
| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to compose a clear data-driven research question. | | 4.00 | 5.00 | 4.50 | 4.50 | 0.50 | 0.25 | 4 | 18.00 |

4.2.2 Insufficient - The student is able to select, clean and/or transform an appropriate dataset to answer the data-driven research question.



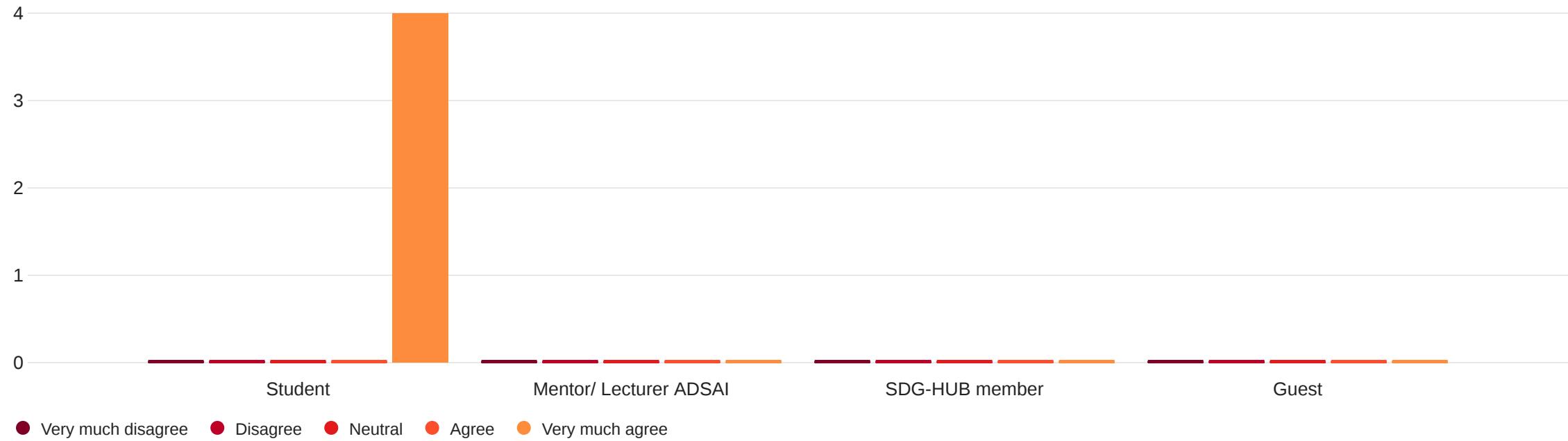
| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to select, clean and/or transform an appropriate dataset to answer the data-driven research question. | 4.00 | 5.00 | 4.75 | 5.00 | 0.43 | 0.19 | 4 | 19.00 |

4.2.3 Sufficient - The student is able to propose a solution; a simple/multiple linear regression, to the data-driven research question based on the exploratory data analysis and visualizations using Power BI.



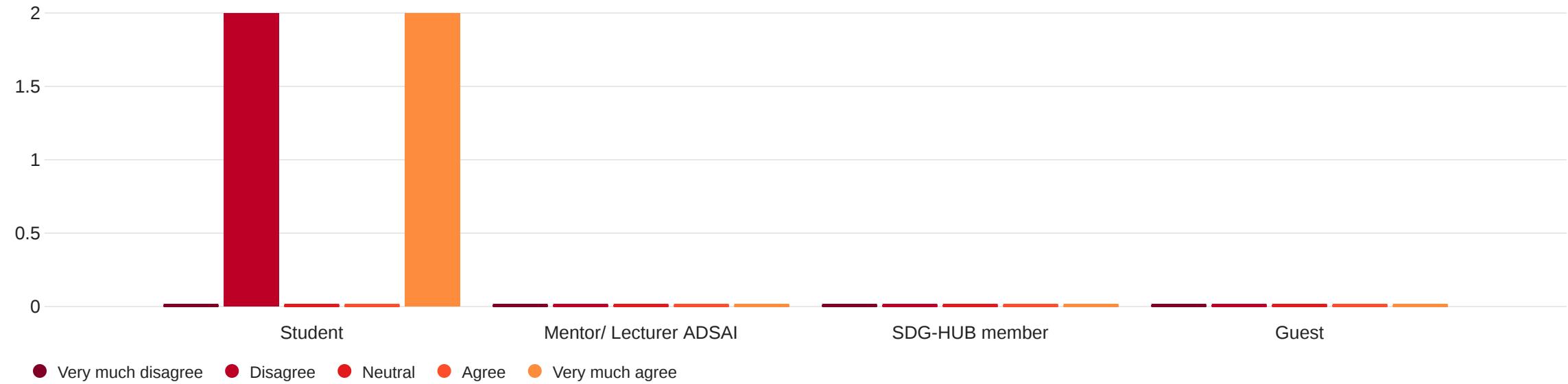
| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student is able to propose a solution; a simple/multiple linear regression, to the data-driven research question based on the exploratory data analysis and visualizations using Power BI. | | 4.00 | 5.00 | 4.50 | 4.50 | 0.50 | 0.25 | 4 | 18.00 |

4.2.4 Good - Student is able to interpret his/her findings correctly.



| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| Student is able to interpret his/her findings correctly. | | 5.00 | 5.00 | 5.00 | 5.00 | 0.00 | 0.00 | 4 | 20.00 |

4.2.5 Excellent - Student is able to discover new patterns in the dataset which are not related to the original research question and thereby, propose next steps for future research.

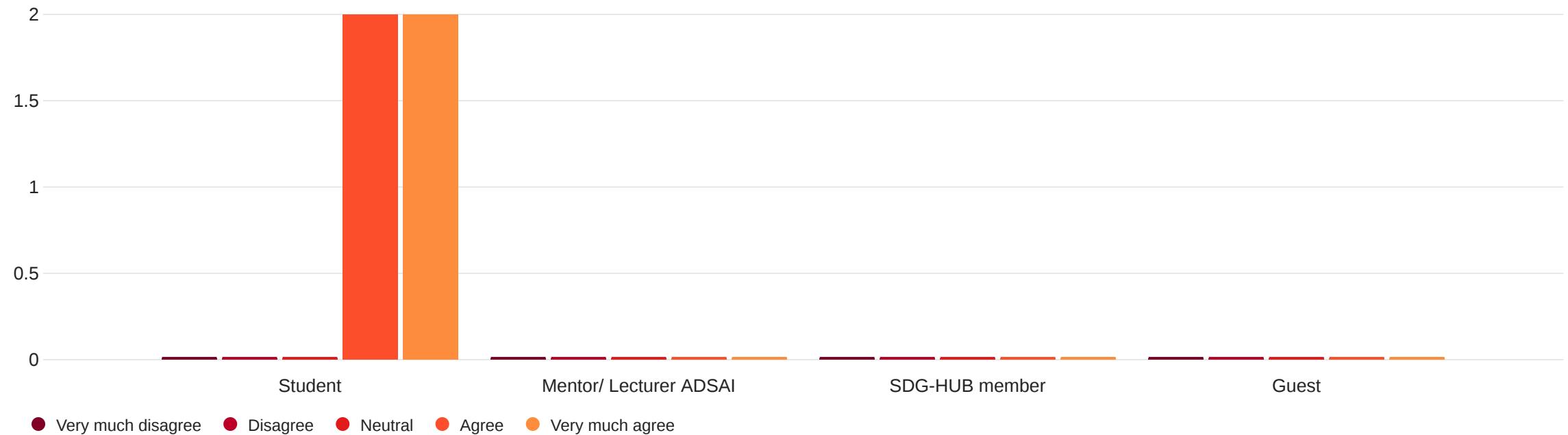


| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---------|--|------|------|------|--------|--------------------|----------|-----------|-------|
| Student | is able to discover new patterns in the dataset which are not related to the original research question and thereby, propose next steps for future research. | 2.00 | 5.00 | 3.50 | 3.50 | 1.50 | 2.25 | 4 | 14.00 |

4.2_QualFeedback - Optional: Feedback or notes on the research itself?

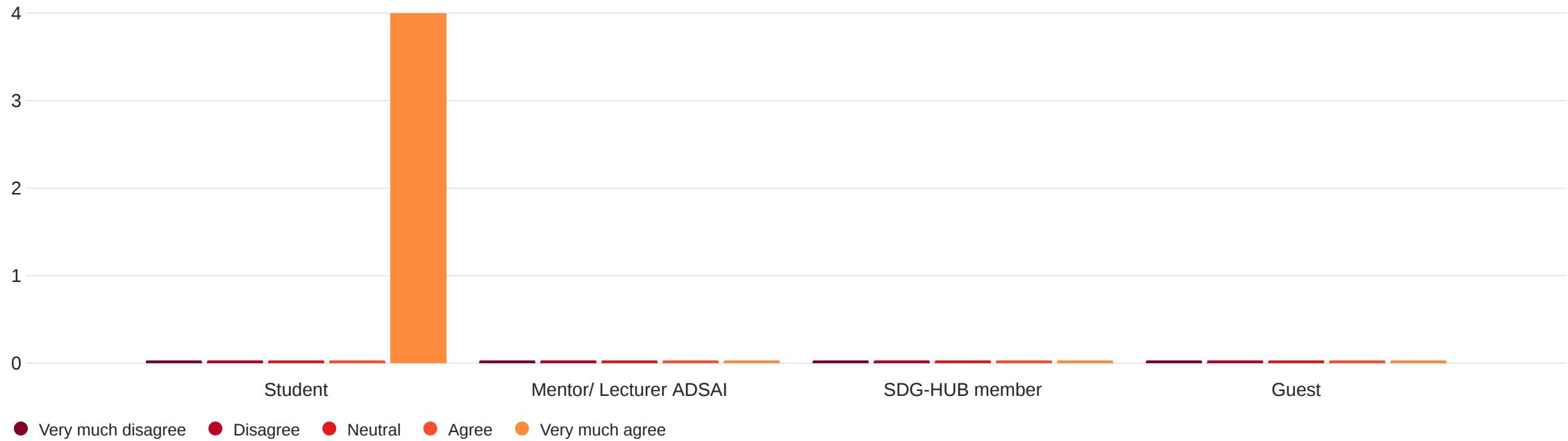
No data found - your filters may be too exclusive!

PrSk1 - The dashboard presentation was informative.



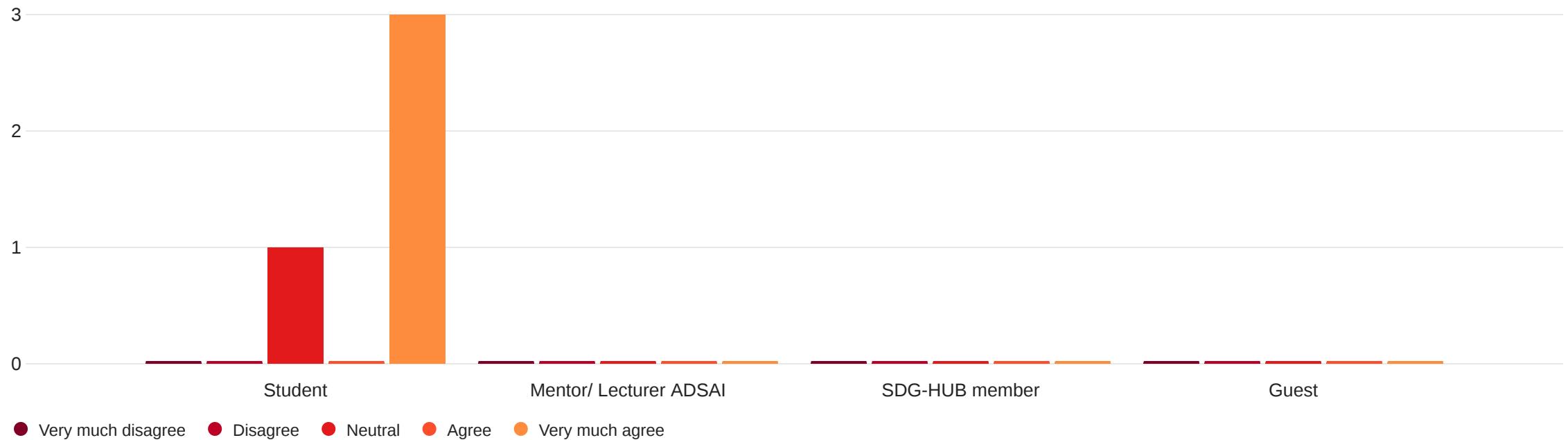
| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---|------|------|------|--------|--------------------|----------|-----------|-------|
| The dashboard presentation was informative. | 4.00 | 5.00 | 4.50 | 4.50 | 0.50 | 0.25 | 4 | 18.00 |

PrSk2 - The student used clear and descriptive language and did not use too much jargon.



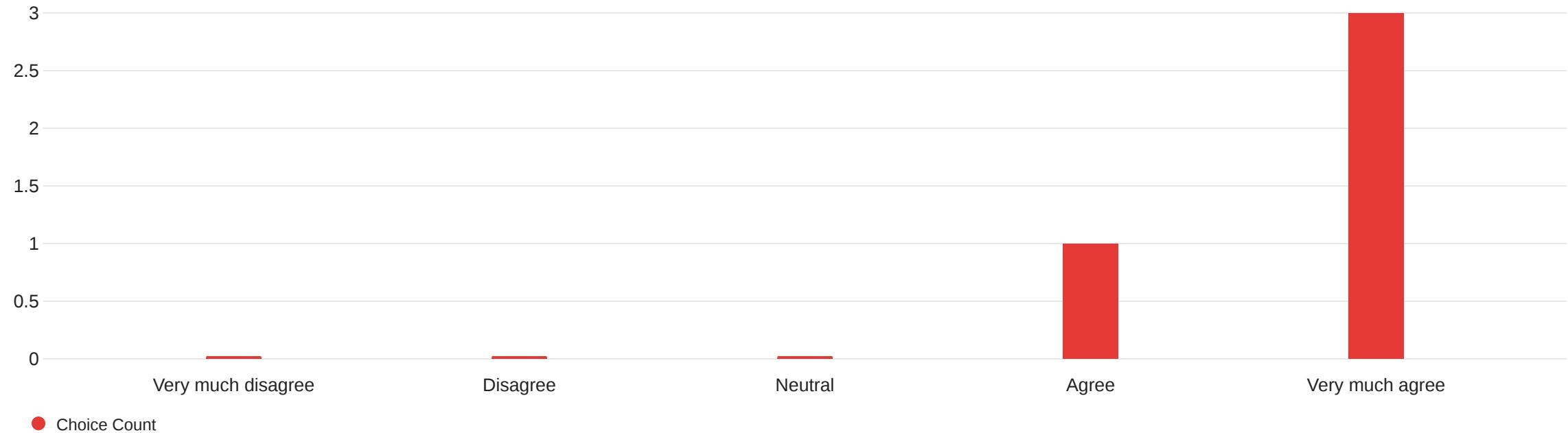
| Field | | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student used clear and descriptive language and did not use too much jargon. | | 5.00 | 5.00 | 5.00 | 5.00 | 0.00 | 0.00 | 4 | 20.00 |

PrSk3 - The student presented the dashboard with enthusiasm.



| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|--|------|------|------|--------|--------------------|----------|-----------|-------|
| The student presented the dashboard with enthusiasm. | 3.00 | 5.00 | 4.50 | 5.00 | 0.87 | 0.75 | 4 | 18.00 |

PrSk4 - The dashboard presentation was enjoyable.



PrSk4 - The dashboard presentation was enjoyable.

| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---|------|------|------|--------|--------------------|----------|-----------|-------|
| The dashboard presentation was enjoyable. | 4.00 | 5.00 | 4.75 | 5.00 | 0.43 | 0.19 | 4 | 19.00 |

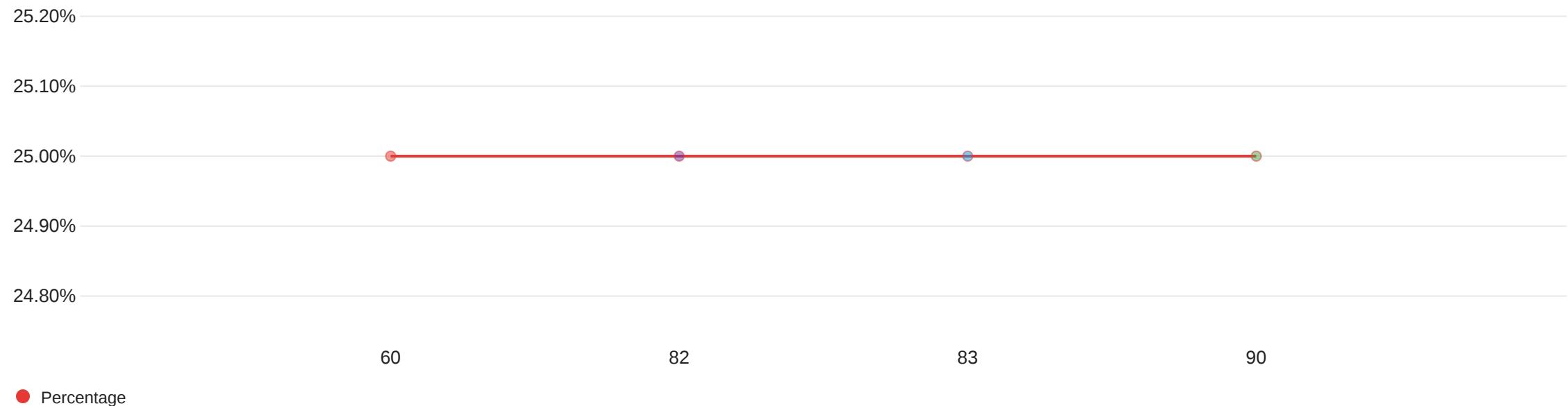
Pr_QualFeedback - Optional: Feedback or notes on dashboard presentation?

No data found - your filters may be too exclusive!

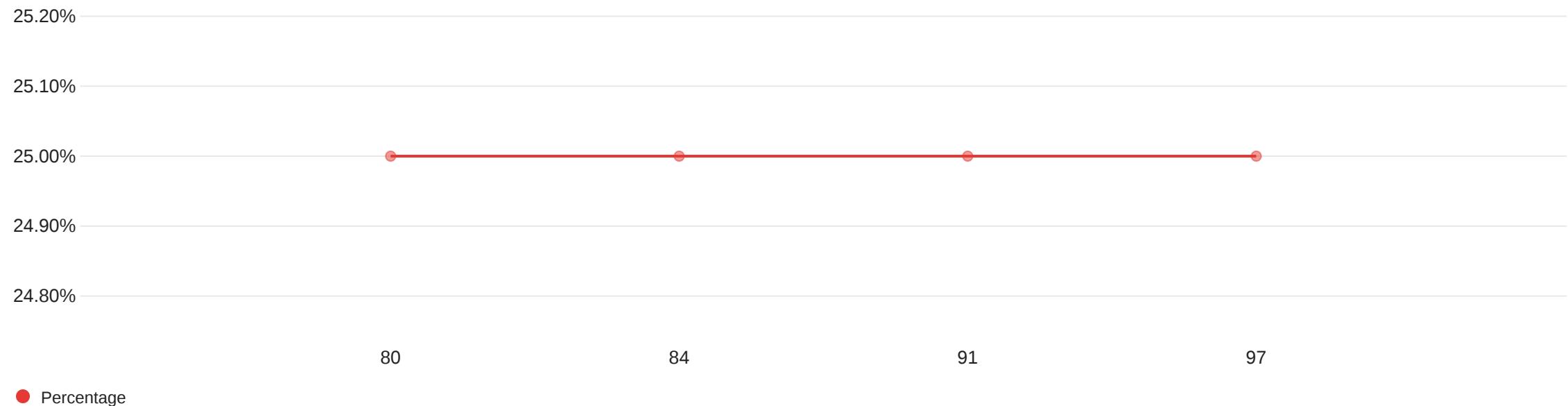
Grade - Please subjectively rate the dashboard on the distinct components.

| Field | Min | Max | Mean | Median | Standard Deviation | Variance | Responses | Sum |
|---------------------|-------|--------|-------|--------|--------------------|----------|-----------|--------|
| Dashboard | 60.00 | 90.00 | 78.75 | 82.50 | 11.26 | 126.69 | 4 | 315.00 |
| Presentation | 80.00 | 97.00 | 88.00 | 87.50 | 6.52 | 42.50 | 4 | 352.00 |
| Research & Analysis | 53.00 | 100.00 | 81.50 | 86.50 | 17.95 | 322.25 | 4 | 326.00 |
| Overall Grade | 74.00 | 90.00 | 83.25 | 84.50 | 5.80 | 33.69 | 4 | 333.00 |

Grade_1 - Dashboard



Grade_2 - Presentation



Grade_3 - Research & Analysis

25.20%

25.10%

25.00%

24.90%

24.80%

53

80

93

100

● Percentage



Grade_4 - Overall Grade

