

*Intro.* Please visit each dashboard, test it and spend a few minutes with the presenter asking them to briefly explain their research. Ask them questions regarding their findings and methods used. If you feel like you cannot answer a question, please select the neutral option.

Note that this survey is a data-driven tool to gather feedback for students. This survey is not a formal assessment tool and no rights for your final grade can be derived from the results. The results are only visible for teaching staff and the presenter. The results are collected anonymously for all participants except for the teaching staff.

*Role.* I'm a:

- ☒ Student
- ☐ Mentor/ Lecturer ADSAI
- ☐ SDG-HUB member
- ☐ Guest

*AddVal\_1.* The presented research is valuable within the context of the Sustainable Development Goals.

*This question was not displayed to the respondent.*

*AddVal\_2.* The presented dashboard clearly adds value to the presented research.

*This question was not displayed to the respondent.*

*Lecturer.* Who is the Lecturer viewing this?

*This question was not displayed to the respondent.*

**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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

**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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☒ Very much agree

**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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

**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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

**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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

**4.1\_QualFeedback. Optional:** Feedback or notes on the dashboard itself?

Good looking presentation with important graphs with the correct data.

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

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

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

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral

- ☒ Agree
- ☐ Very much agree

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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

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

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☒ Very much agree

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.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

4.2\_QualFeedback. **Optional:** Feedback or notes on the research itself?

PrSk1. The dashboard presentation was informative.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

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

- ☐ Very much disagree
- ☐ Disagree

- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

PrSk3. The student presented the dashboard with enthusiasm.

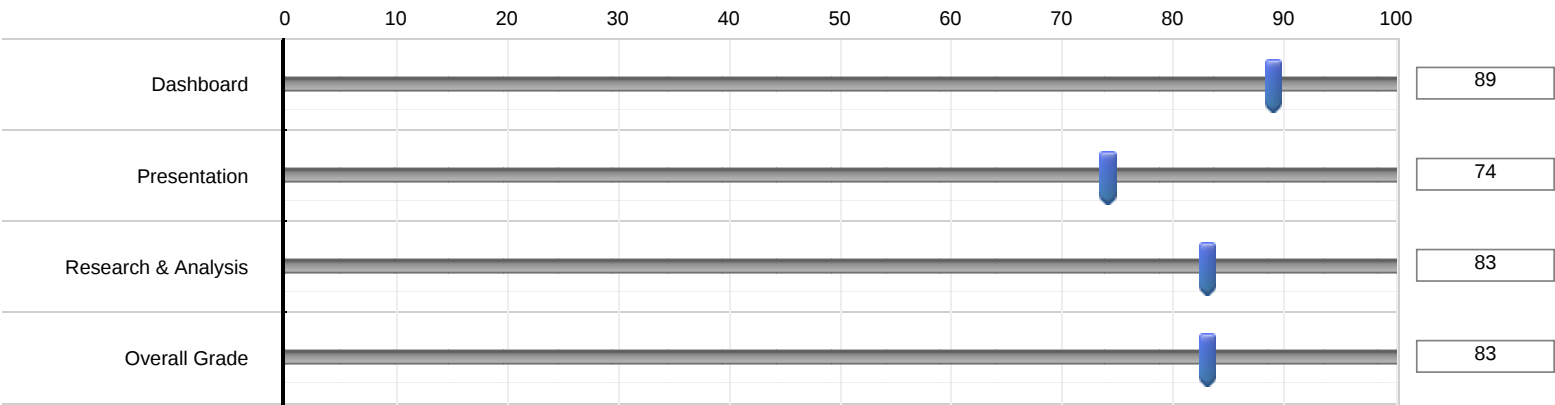
- ☐ Very much disagree
- ☐ Disagree
- ☒ Neutral
- ☐ Agree
- ☐ Very much agree

PrSk4. The dashboard presentation was enjoyable.

- ☐ Very much disagree
- ☐ Disagree
- ☐ Neutral
- ☒ Agree
- ☐ Very much agree

Pr\_QualFeedback. **Optional:** Feedback or notes on dashboard presentation?

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



Location Data

**Location:** ([41.2345](#), [-8.6182](#))

**Source:** GeolP Estimation

