



Hackathon Award Judging Metrics

Judges will evaluate each team across **three award areas**, plus one required deliverables completion item.

Judge Scoring Summary

- **Knowledge Graph Analytics:** 25 points
- **Knowledge Portal:** 25 points
- **Gateways Impact:** 25 points
- **All Deliverables Completed:** 25 points

Total Judge Score: 100 points

Scores from all judges will be averaged to determine each team's averaged judging score.

After the judges' scores are averaged, teams may receive an additional **+5 bonus points** for confirmed Science Gateways poster submission.

Final Possible Score: 105 points

Knowledge Graph Analytics Award

Recognizes the team with the most insightful and well-supported analysis of Wikipedia as a large-scale knowledge graph.

Judging Metrics



1. Quality of Knowledge Graph Analysis

Does the project meaningfully analyze relationships, connections, structures, or patterns within the knowledge graph?

2. Use of Computational Methods

Does the team effectively use graph theory, natural language processing, causal reasoning, LLM-augmented analysis, or other appropriate computational techniques?

3. Insightfulness of Findings

Do the results reveal something meaningful about how information connects, evolves, originates, or influences future possibilities?

4. Evidence and Justification

Are the team's claims supported by data, analysis, visualizations, examples, or clear reasoning?

5. Alignment with Hackathon Theme

Does the project strongly connect to the theme of deconstructing the architecture of human knowledge?

Knowledge Portal Award

Celebrates the team that creates the most effective, user-friendly, and engaging interface for exploring and communicating their project findings.

Judging Metrics



1. Usability and Navigation

Is the portal easy to use, well-organized, and understandable for its intended audience?

2. Clarity of Visualizations

Do the charts, graphs, timelines, maps, tables, or other visuals clearly communicate the project's findings?

3. Presentation of Knowledge Relationships

Does the portal effectively help users explore connections, pathways, timelines, predictions, or alternative scenarios?

4. Design and Accessibility

Is the interface visually clear, readable, and accessible to users with different levels of technical background?

5. Integration of Project Results

Does the portal successfully bring together the team's data, analysis, explanations, and conclusions in a polished way?

Gateways Impact Award

Honors the team whose final project, presentation, and technical approach make the strongest overall contribution to this year's hackathon theme.

Judging Metrics



1. Overall Project Impact

Does the project make a strong and meaningful contribution to understanding how information connects, evolves, and shapes discovery?

2. Creativity and Innovation

Does the team present an original, creative, or especially thoughtful approach to the challenge?

3. Technical Execution

Does the project demonstrate strong use of tools, data, code, analysis, or system design within the time available?

4. Communication and Final Presentation

Does the team clearly explain the problem, approach, results, and significance of the project?

5. Completeness and Integration

Does the final submission feel cohesive, with the analysis, portal, presentation, and documentation working together effectively?