

| <b>Code</b>                        | <b>Definition</b>  |
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| Interviews as Empowerment          | Students felt joy or inspiration from conducting interviews that fostered connection or insight.                   |
| Final Presentations as Achievement | Students experienced a sense of accomplishment and pride while presenting their completed projects.                |
| Joy in the Entire Project Process  | Students found joy in engaging with all aspects of the data science project, appreciating the holistic experience. |
| Data Visualization                 | Students derived satisfaction and creative fulfillment from designing visual representations of their data.        |
| Survey Engagement                  | Students enjoyed creating or analyzing surveys, especially when connected to real-world issues.                    |
| Data Collection & Research         | Gathering and exploring data contributed to students' sense of purpose and learning.                               |
| Supportive Program Culture         | The classroom environment made students feel safe, welcomed, and encouraged, contributing to emotional well-being. |
| Learning African American History  | Students found joy and meaning in learning histories often excluded from traditional curricula.                    |
| Personally Meaningful Projects     | Working on projects that resonated with students' identities or experiences led to emotional fulfillment.          |
| Student-Led Projects               | Students appreciated having control and ownership over their learning and research direction.                      |