Analyzing Failure Classifications for Patterns and Trends

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Overview

This study identifies failure classifications that relate to projects and the factors in those classifications and analyzes them to determine commonalities and differences.

Failure Classification Publications by Year

Methodology

- Publications with failure classifications were identified through key search terms in scholarly search engines and databases.
- Classifications were compiled, noting key features including factors, discipline, the applicable lifecycle, whether the classification considers the cause or result of failure, and formation method.
- Classifications were analyzed using content, statistical, and graphical analysis.

Preliminary Findings

A multidisciplinary failure classification could identify factors that lead to failures more comprehensively.

- 400 classifications of failure with 3,800 factors were identified.
- Few previous studies identify failures through a multidisciplinary approach.
- Initial findings suggest that different disciplines have differences in factors and methodologies.

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