

# Mining Github Repositories

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## Introduction

- What field are we in
- What problems is the field facing
- Any other important points for contextualizing this project
- What are our contributions
- The reasons why a rich data set would benefit the field
- Research questions
- Our plan to answer these research questions
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## Design

- Challenges to solve the issues
- How we address these challenges
- Diagrams of our data stages
- Design of our resulting rich data matrix

## Implementation

- Overview of the implementation steps
- Highlights constraints of our implementations (e.g we shouldn't scrape too often from github)
- Share experiences of discovered pitfalls in the implementation
- Briefly document that our implementation works and where the code/dockerfile can be found and how to execute it

## Related works

- Brief summary of related works
- Draw similarities between the related works and our approach
- Postulate how our data could improve the related works

## Conclusion

- summarize:
  - the field and its issues
  - How we contribute with our data set
  - Shortcomings of our data set
  - Where to go next