

IS415 Proposal

Idea Generation

- Week 5
- Initial Brainstorming
- Week 6
- Initial Research
- Consultation with Prof

Idea Refinement

- Selected Project Theme
- Week 7
- Literature Review
- Dataset + methodology selection
- Week 8
- Group Review + Knowledge Sharing
- Further Research
- Create Github & blog
- Proposal preparation
- Project Proposal

Data Preparation

- Week 9
- Dataset compilation
- Determining Standardised Data For...
- Creating Data Pre-Processing Functi...

Data Overview Tool

- Performing EDA
- Creating Tool for EDA (plotting obser...

Regionalisation Tool

- Week 10
- Basic clustering: hierarchical & k-me...
- Spatially constrained clustering: Ska...
- Spatially constrained clustering: Clus...
- Week 11
- First Iteration of R-Shiny application
- Review Iter1, collate feedback
- Improvements from Iter1 Feedback

Filtering Tools

- Designing/deciding user-defined inpu...
- Week 12
- Implementing filter system + Input fi...
- Second Iteration of R-Shiny applicati...
- Review Iter2, collate feedback
- Improvements from Iter2 Feedback

Application Deployment



