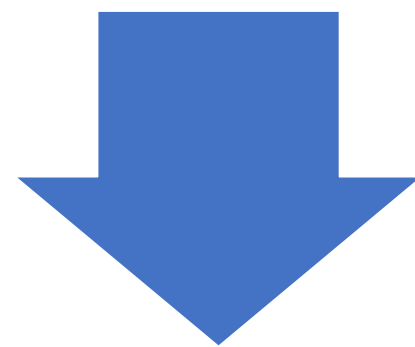


## Project Goals

- To explore the way students solve tasks using collaborative development platforms, version control systems & continuous integration systems
- To find patterns and evaluation metrics that can be used to improve course content and provide insight into the most common issues the students are facing



## Data Analysis Challenges

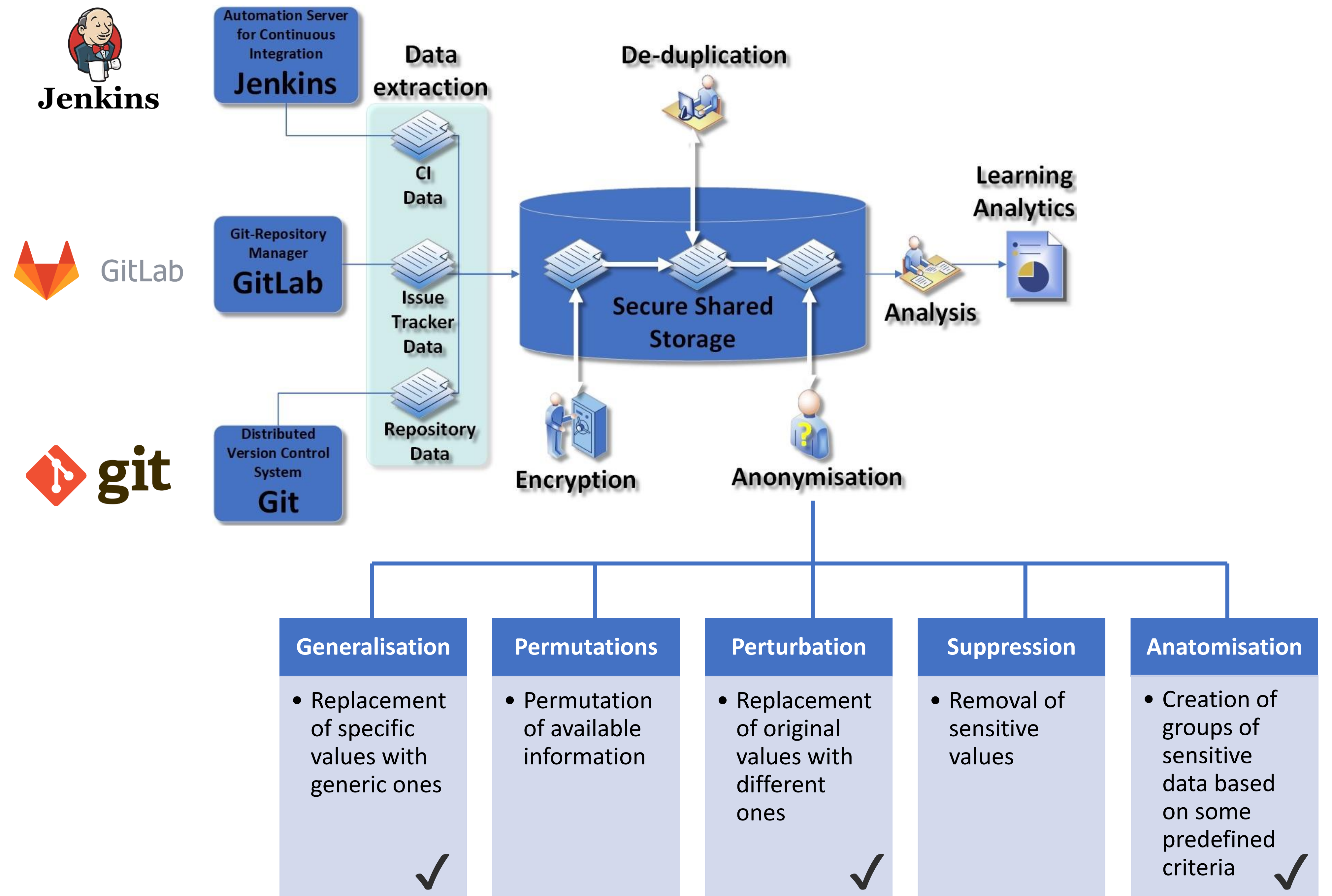
- Collecting simple usage metrics from the teaching platforms is not enough in isolation
- We need to consider the human aspects of the experience, such as gradual experimentation, learning from mistakes, and the abilities of each individual



## Objective

- To construct a data processing pipeline which:
  - Combines different data sources
  - Ensures that data is collected and used ethically
  - Satisfies data protection policies
  - Minimises the risk of re-identification

## Data Processing Pipeline



### Acknowledgements

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