Project: Imputing Missing Data by Modelling and Solving the MCC Problem

Authors: Boukria Ali, Farouk Toumani.

Introduction to the Poster

- Poster presents approach to **Most Compliant Class (MCC)** problem querying datasets with missing data.
- MCC modelled as minimum cost flow with convex costs and integer flows.
- Analyzes cutting-edge methods: approximation polynomial algorithms, SCIP branch-and-bound.
- Applications: missingness graphs, possible worlds probabilities, compliant class selection
- Summarizes theory, solvers, and optimization challenges