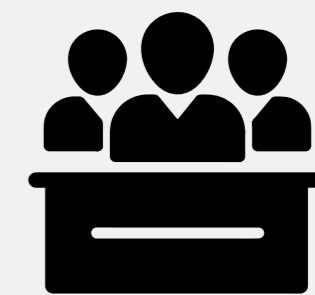


Data Analysis and Visualization of the City Councils



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Motivation

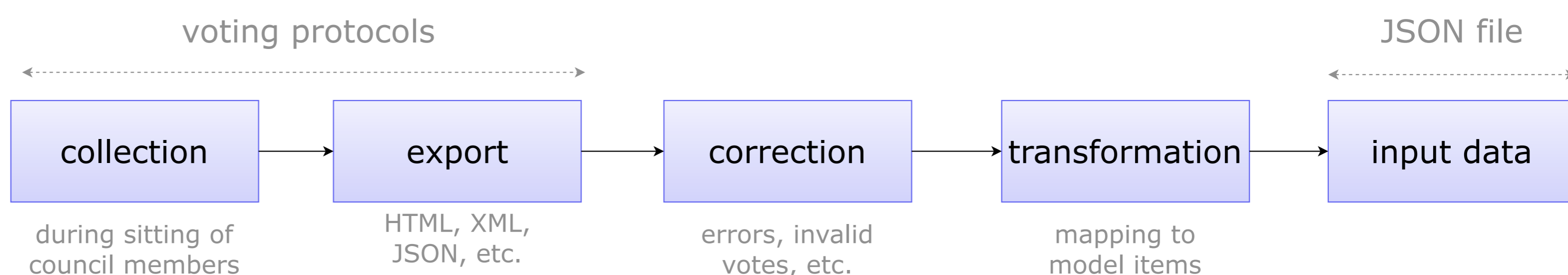
- representatives elected by the citizens influence their daily lives
- interest of citizens in municipal politics still needs to increase
- 14** regions and over **6 200** municipalities with their own councils
- no standard for such data

Objectives

- analysis of voting data from various municipalities
- design of a general model for input data as **JSON schema**
- bring a universal analysis **tool** working with this data and providing understandable dashboards for citizens
- extending the solution to other municipalities

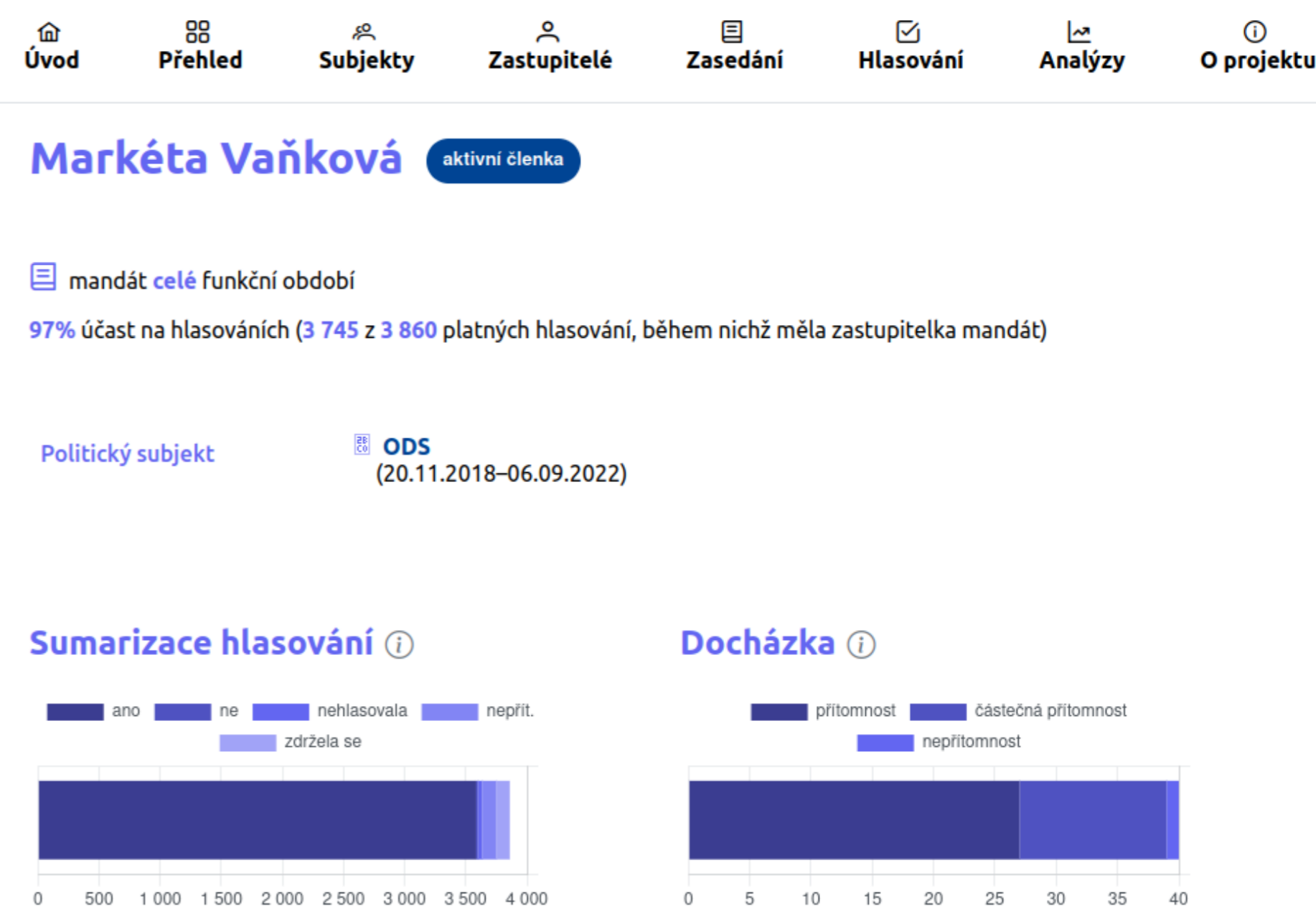
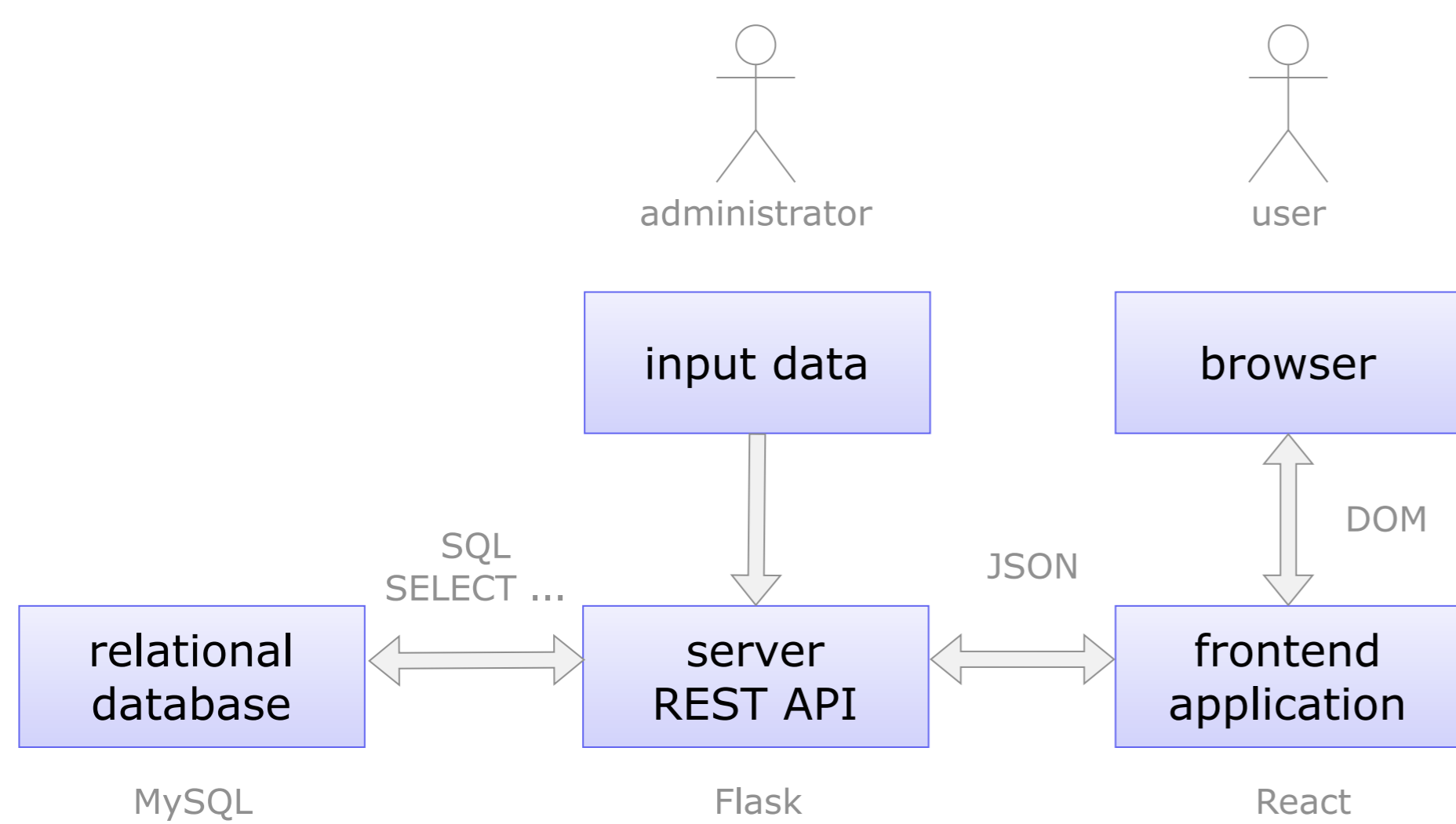
Design of the Solution

Data Preprocessing



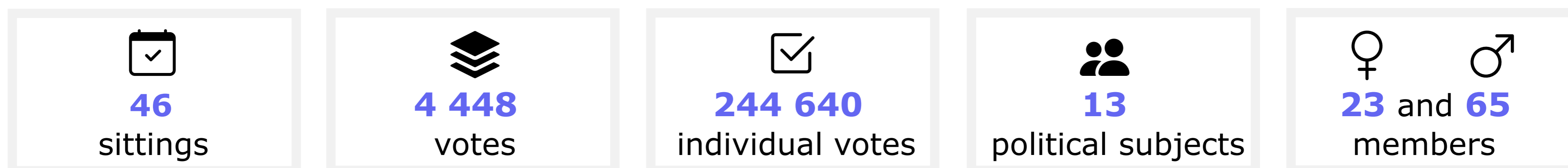
Architecture

- client-server web application



Demonstration of Practical Use

- dataset from the real votes of **Brno City Council** (*Zastupitelstvo města Brna*) members
- **two** terms of office (2018–2022 and 2022–2026)



- result deployed within the Data Brno portal: <https://www.brno.cz/zastupitelstvo-analyza>