

# Private Data Hub zur Analyse personenbezogener Data Dumps

Students

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**Introduction:** Private Data Hub is a platform that assist users to retrieve and analyze their personal data from various service providers, including Google, Spotify, and Netflix. The primary focus of this project was to provide users with an overview of the types of data being collected about them. This information is represented using graphs and lists that deliver interesting insights into their personal data. The platform is built with extensibility in mind, enabling future support for additional providers.

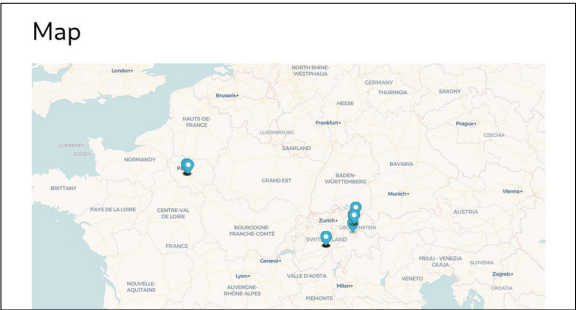
It features a FastAPI and MongoDB-based backend for efficient data handling and a SvelteKit frontend for an intuitive user experience. Key features include data imports, data analysis, and efficient handling of large datasets.

**Problem:** Thanks to data protection laws, individuals can request their personal data from companies. Analyzing these data dumps is very time-consuming because there is no standard format, and the data exports are provided in different ways.

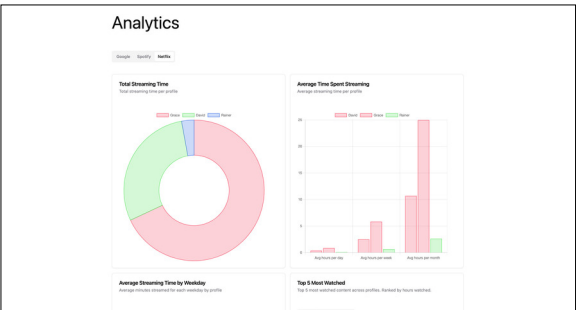
**Definition of Task:** The goal is to develop a platform that supports the request for personal data and enables the import of the generated data dumps. All data should be clearly displayed on a dashboard. Data security should be taken into account.

The web application should assist in obtaining the data and provide an easily understand- able dashboard with evaluations. The focus of the project is on the backend and an efficient mechanism for uploading the data dumps. Attention should be paid to an appealing visual representation.

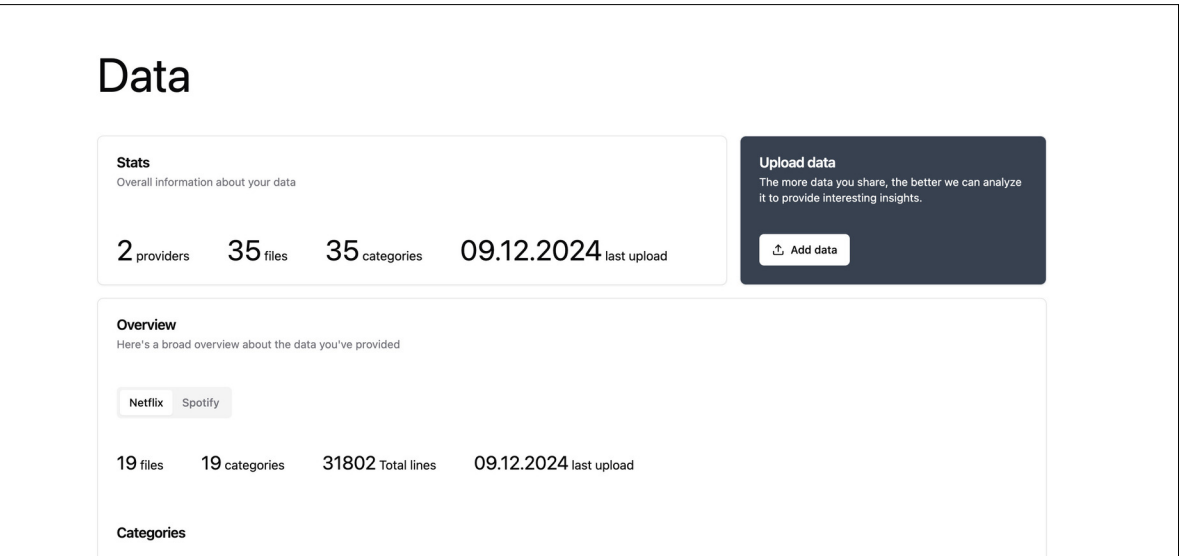
Screenshot of /map  
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Own presentation



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