University of Amsterdam

Front-End Developer for Data Visualisation

Project Presentation

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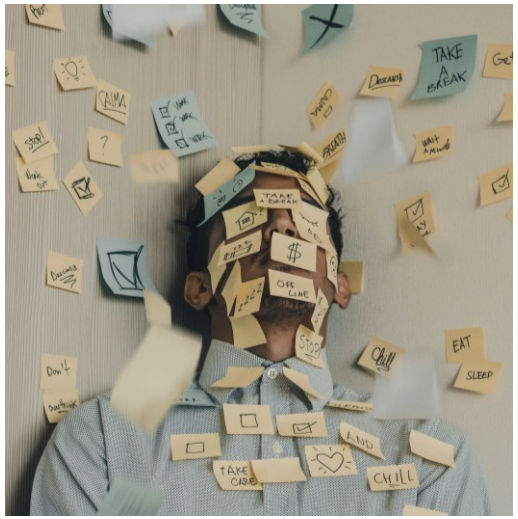
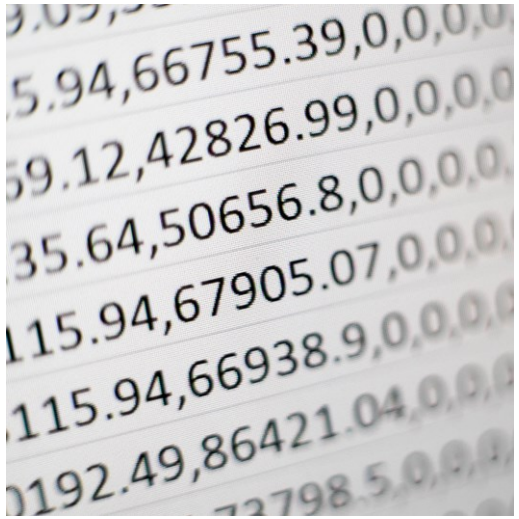
Audience & Objective





Students

How is everyday life structured? Are there well-established routines? How to induce positive change?

Behavioural Patterns

We want to understand correlations between our behaviour and wellbeing.

Explorative Analysis

We want to explore the data in **search of hypotheses** about the relationship between individual attributes.

Affirmative Analysis

We want to be able to use the application to **verify or refute** our **existing hypotheses**.

Project Concept – Shneiderman‘s 7 Rules for Interaction Design

Overview

Zoom

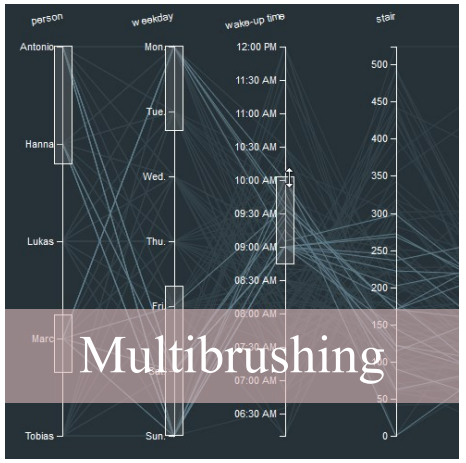
Filter

Details on Demand

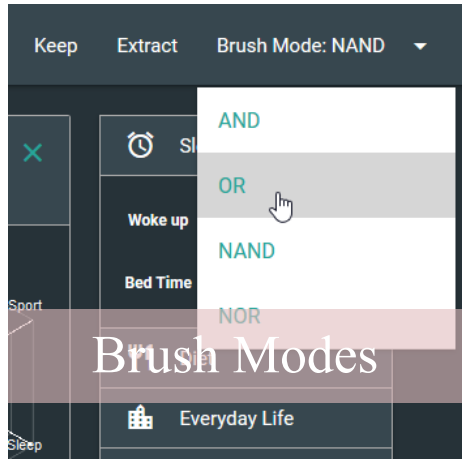
Relate

History

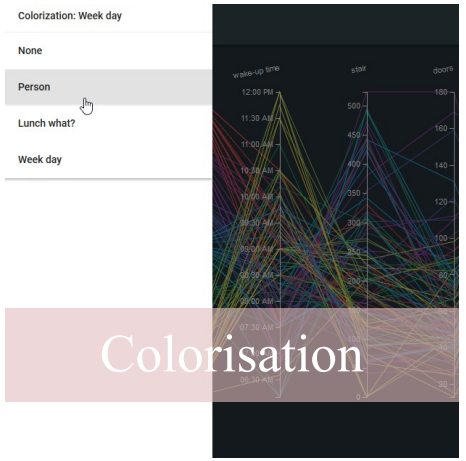
Extract



Multibrushing



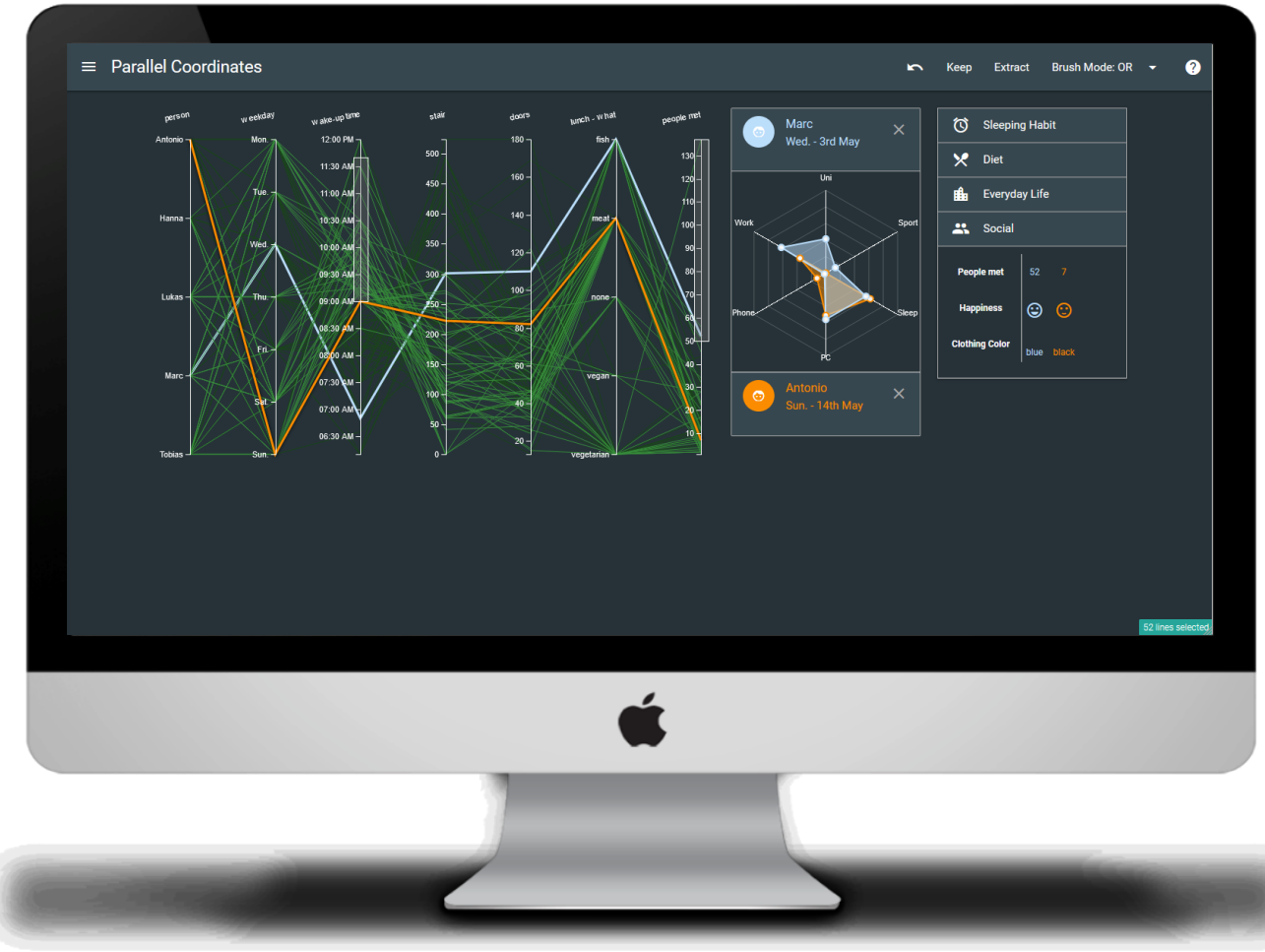
Brush Modes



Colorisation

Details on Demand

Tech Stack & Web Demo

- Web-based application using
  - HTML
  - JS
  - CSS
- Development supported by frameworks:
  - D3.js
  - jQuery
  - materialize.css

Codebase & Demo available online