

Empowering Insights

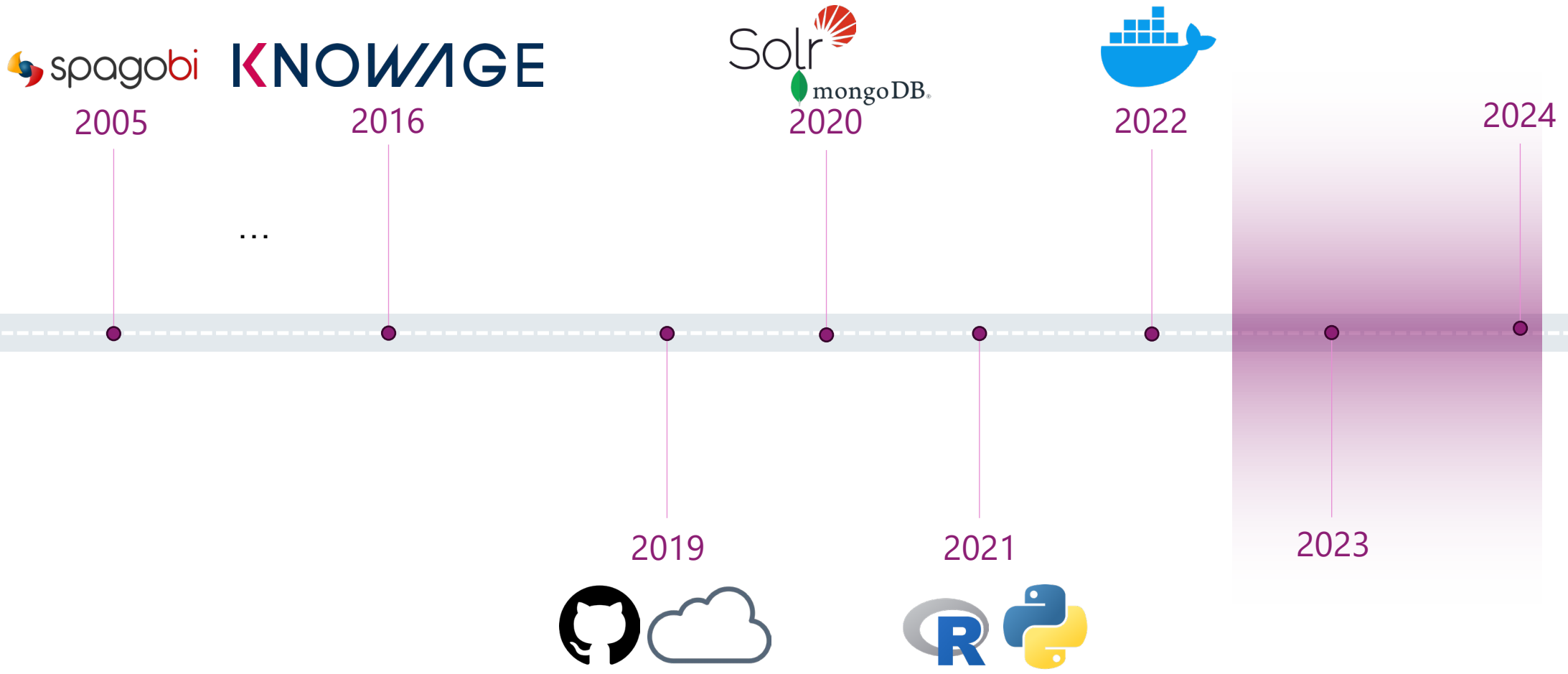
Unveiling the latest innovations in KNOWAGE
for BI and Data Visualization

10/11/2023

KNOWAGE



What happened until today



Vue and why



Angular.js was deprecated and we needed a **new framework** ready for our new implementation ideas.

- Community supported
- Open Source
- Growing
- Huge ecosystem
- Performant

Was that easy?

10 devs
involved

14 months
rework

> 10k
commits

≈ 2300
new files

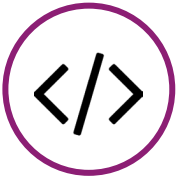
No, not at all! 😄

≈ 20
iframes
removed

≈ 1000hrs
meeting



Enhancements



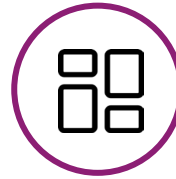
Tech stuff

- Single Page Application
- New libraries usage
- Security awareness
- PWA
- New architecture



Customization

- Easier KNOWAGE customization from interface
- Dashboard theming
- Theming import/export
- Customizable logo



New Dashboard

- Fully responsive
- Easier user journey
- More charts
- More widgets
- Themes
- Heavy loading management



Next steps

- Chatbot/AI integration
- A11y improvements
- Switch to microservices/microfrontends
- Application tutorial/tour



Theming and customization

A more **user friendly** approach to create your **customized experience**



THEME CUSTOMIZER



DASHBOARD THEMES



COMMUNITY SHARE

Theming and customization

The image displays the SFSCON theme customization interface, divided into three main sections:

- Left Panel (Gestione Temi):** Contains a search bar with the text "cerca", a list of themes with "SFSCON theme" selected, and a vertical sidebar with various icons.
- Central Preview Area:** Shows a live preview of the theme's components:
 - Text input fields: "Example Text Input text", "Example Text Input Disabled disabled", and "Example Text Input Invalid invalid".
 - Number input field: "Example Number Input 10".
 - Toolbars: "Example Primary Toolbar" and "Example Secondary Toolbar".
 - Breadcrumbs: "First > Second > Last" and "First > Second > Last".
 - Buttons: A row of buttons labeled PRIMARY, SECONDARY, DEFAULT, DISABLED, WARNING, and FLAT. Below them is a "FLAT DISABLED" button.
 - Messages: Four message boxes with icons and close buttons: Success (green), Info (blue), Warning (yellow), and Error (red).
- Right Panel (SFSCON Theme):** A settings panel for the "SFSCON theme" with a toggle switch. It includes expandable sections for:
 - breadcrumbs
 - buttons
 - menu:
 - Menu Width: 58px
 - Menu Background Color: #89c9ef
 - Menu Background Hover Color: #78a9d4
 - Menu Highlight Color: #ffffff
 - Menu Icons Color: #fff
 - Profile Background Color: #fff
 - Profile Border Radius: 4px
 - messages
 - toolbars
 - typography



New Dashboard

From cockpit to **dashboard**, a **redesigned** and **rewritten** tool with modern capabilities.



RESPONSIVE



FASTER



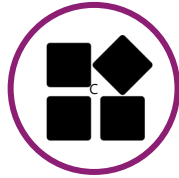
MORE CHARTS!



New Dashboard / New user journey



**SET
DATASOURCES**



**ADD
WIDGETS**



**ADVANCED
SETTINGS**

Data Configuration

Dataset

Highcharts Widget Editor

Select Dataset: TEST_01

Columns: Add column →

cerca

EXPORT_VARIABLE

QUARTER

THE_DATE

STORE_ID

PRODUCT_FAMILY

LINK

UNIT_SALES

STORE_COST

STORE_COST_NULL

Pie Chart

Enable

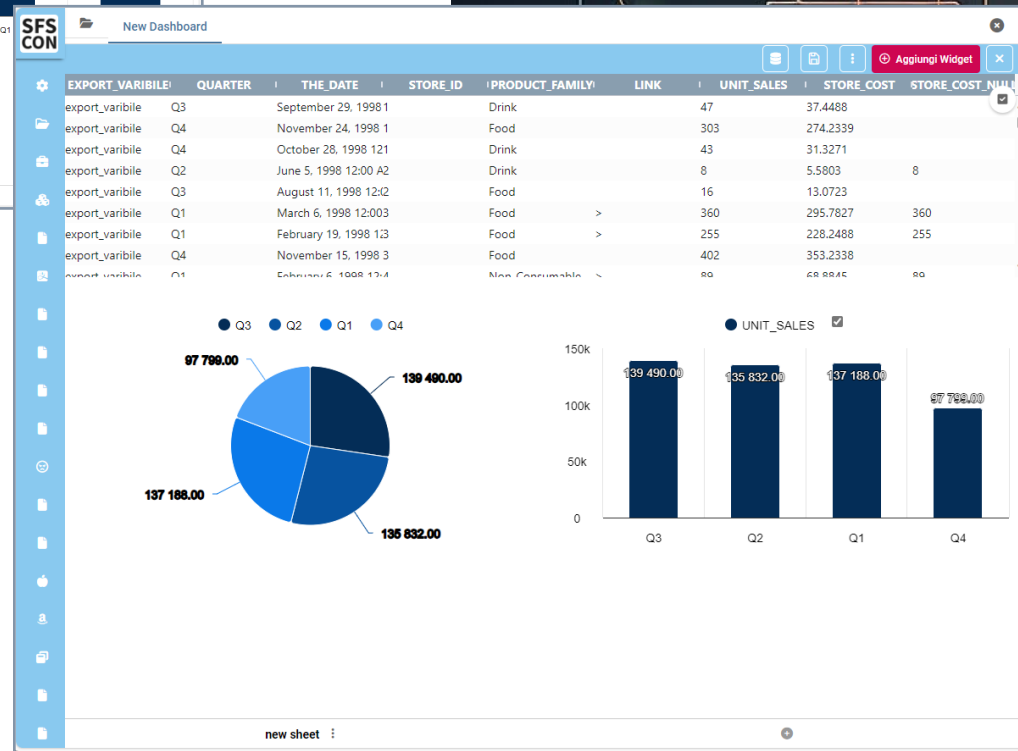
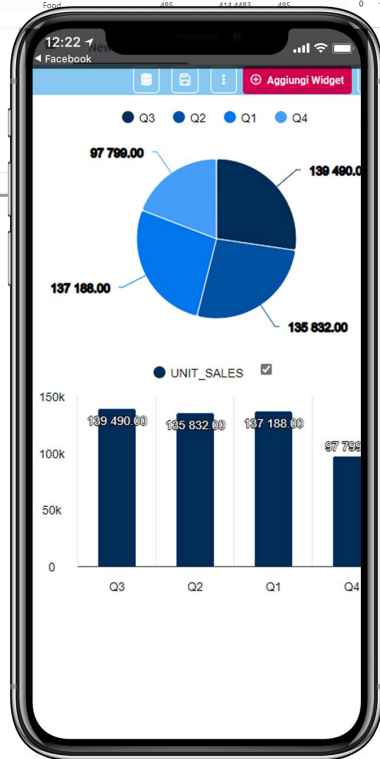
Maximum Number Of Records: 5

Dimensions: QUARTER (QUARTER)

Values: UNIT_SALES (UNIT_SALES) SUM



New Dashboard / Responsive

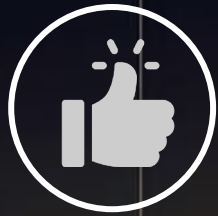


VIDEO DEMO



Next steps

3 goals with the **community** at our side:



**QUICK
& EASY**



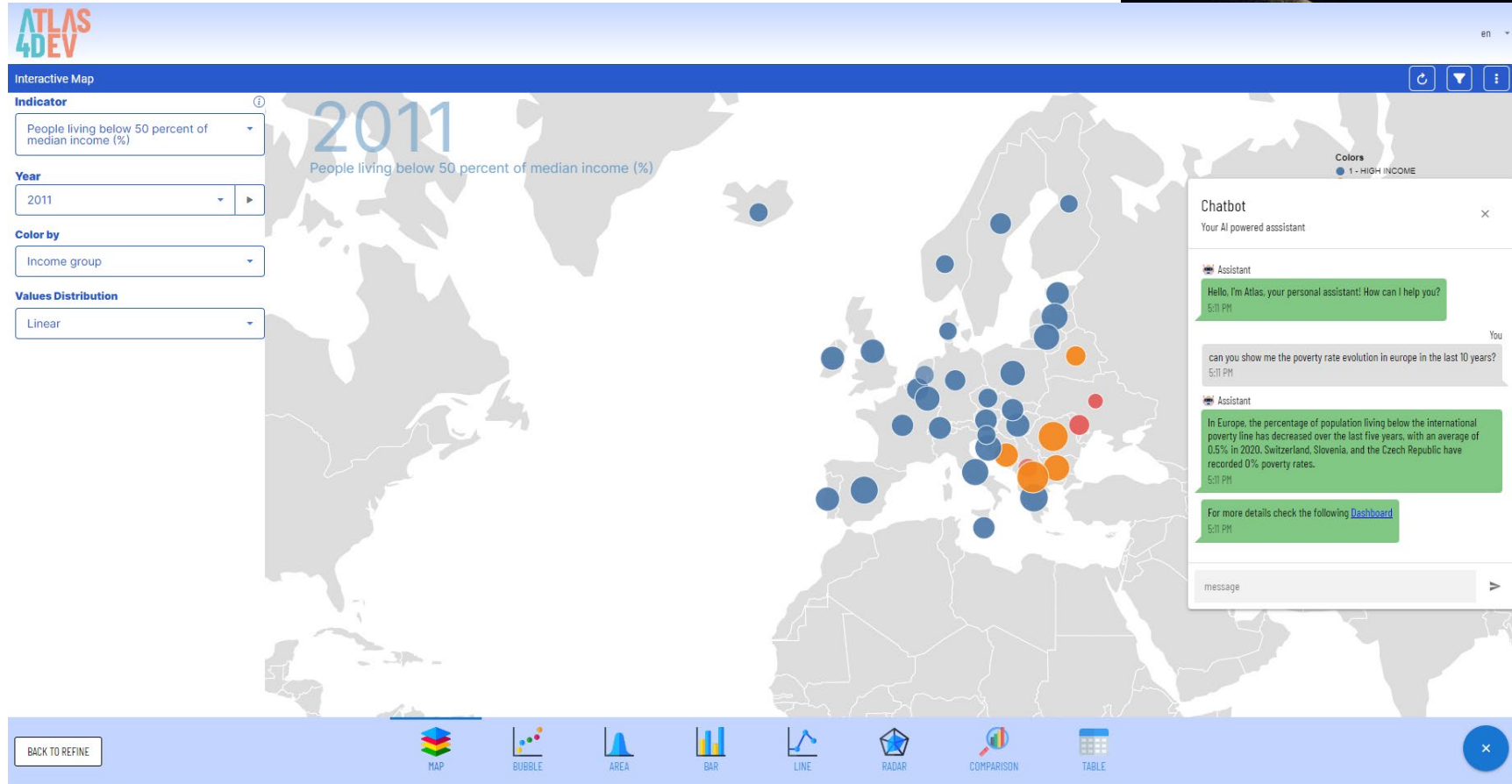
ACCESSIBLE



EXTENSIBLE



Next steps / Chatbot-AI Integration



Thank you for your attention.



Davide Vernassa
Solution Designer
Sr. Front-end developer

 www.eng.it / www.knowage-suite.com

 [Davidevernassa](#)

 [@r3djaw](#)

 [gruppo.engineering](#)

 [LifeAtEngineering](#)