

A Process Model for Dashboard Onboarding

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3) datavisyn





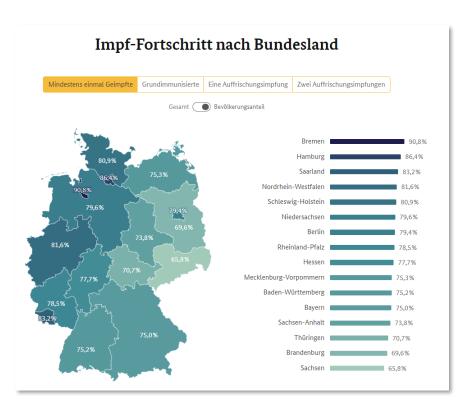


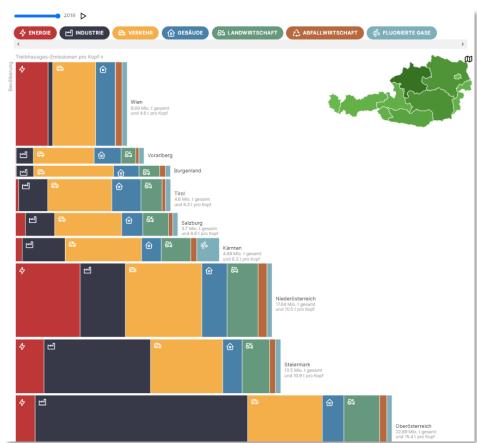
Holger Stitz³



Eduard Gröller^{4,5}

Dashboards



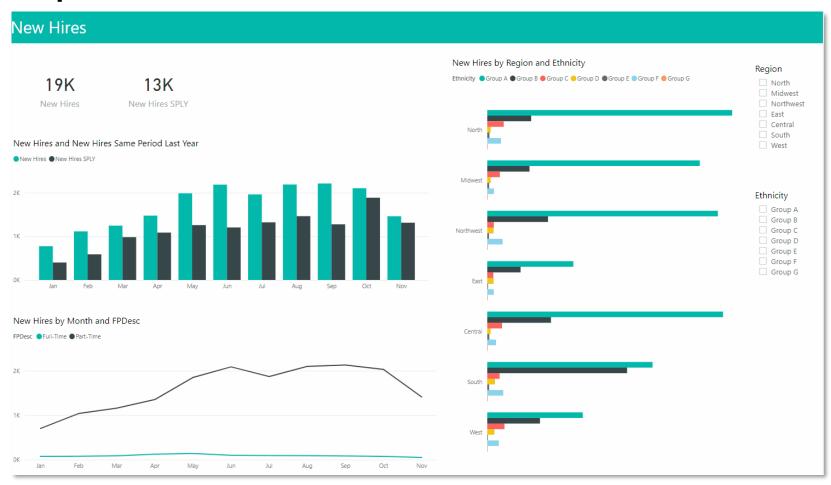


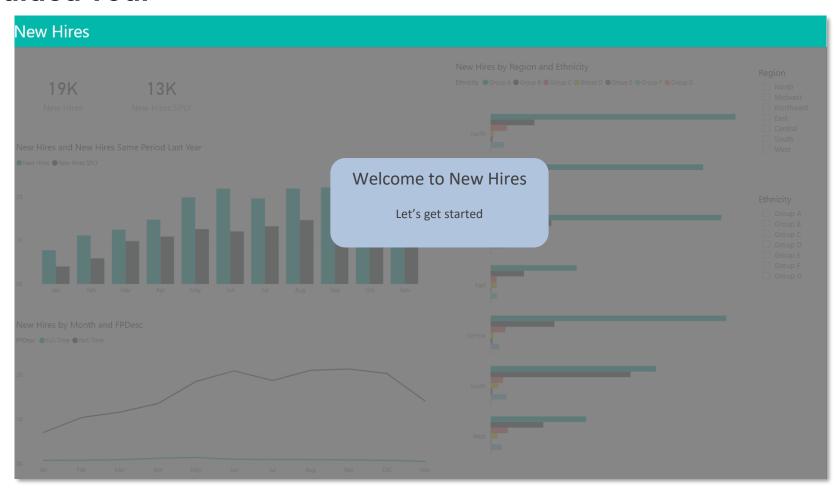
https://impfdashboard.de/ https://klimadashboard.at/

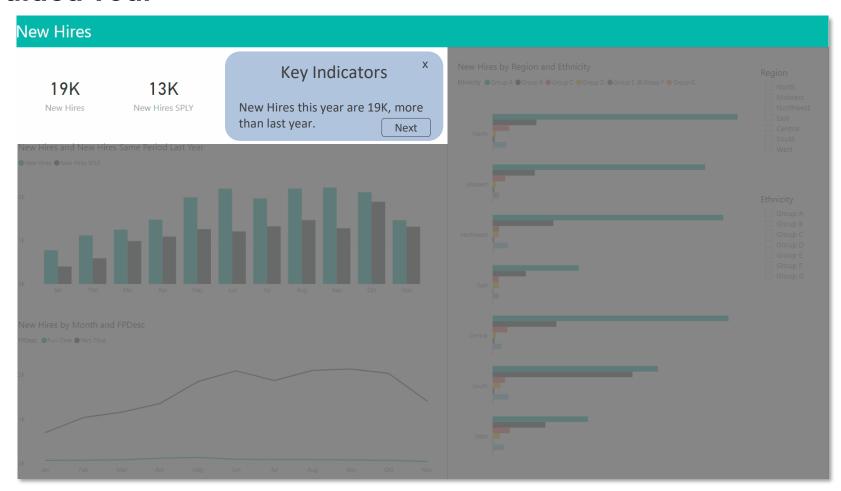
Example Dashboard

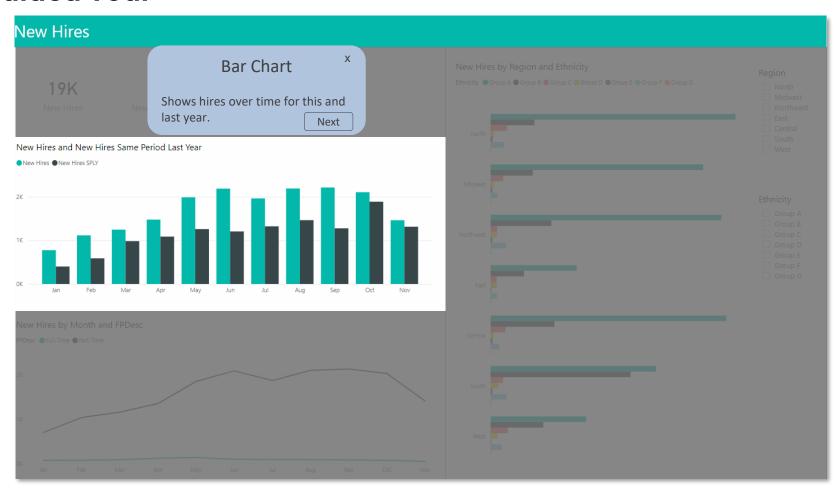


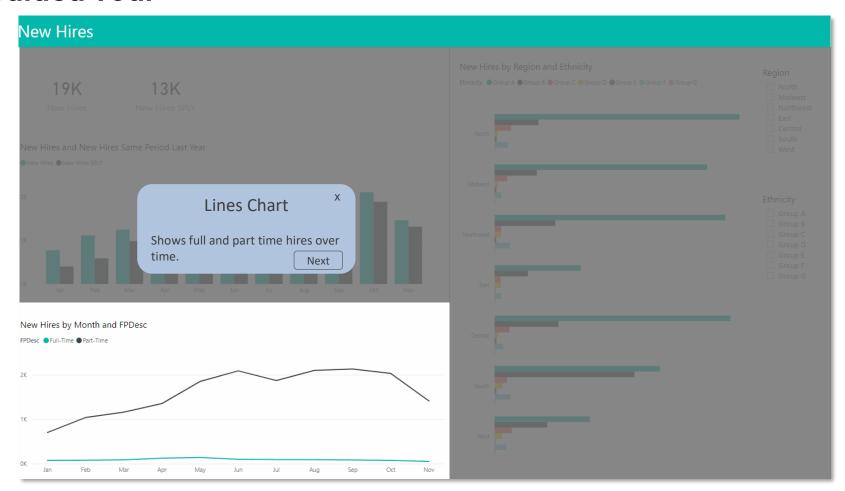
Example Dashboard



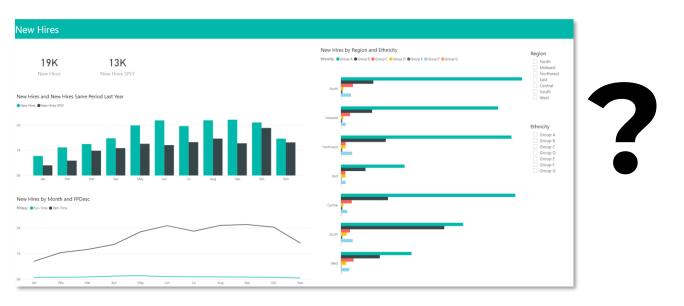








Different Ways of Onboarding









Welcome to New Hires!

Requirements for a Process Model

General







Specific

Welcome to New Hires!

Here we will talk about some random stuff. Gadsigasdig andsigfigigs fdsagisddf jgoewhri aivy sufdgewr iwkerkjk thkhaou jwehr ujodaosdh? Weiph khtsdjfhu hdhfshfd uiwyerkw weroo ...iwyeriyewiry. Werihiwherwre... weiriwreiyiweryirewyriyewyriewry. Weriyweriyewirye wirwiyeriyewyriewryi. Ugdsdsahdiahdsduasdkasdh wieywyrweuri. Ugdsdsahdiahdsduasdkasdh wieywyrweuri. Wyeryweorywer. Wieryiawyriweyri. Weirweiryew.

Actionable



Characterizing the Onboarding Space





HOW

How is dashboard onboarding provided?

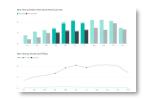
Video Programmed Interface etc.

WHAT

What needs to be onboarded on a dashboard?

Components Interactions







WHERE

Where is dashboard onboarding provided?

Outside the dashboard
On the dashboard = Interface

WHEN

When is dashboard onboarding used?

Before

During = On-the-fly



WHO

Who is the user? Which knowledge does the user have?

Dashboard User Domain expert?

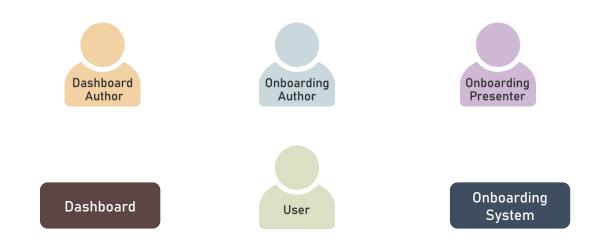
Visual Literate?

WHY

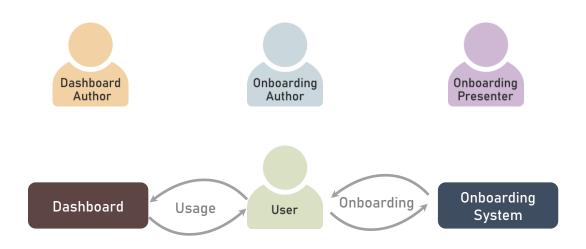
Why is a dashboard onboarding needed?

Due to user's knowledge? Complicated visuals?

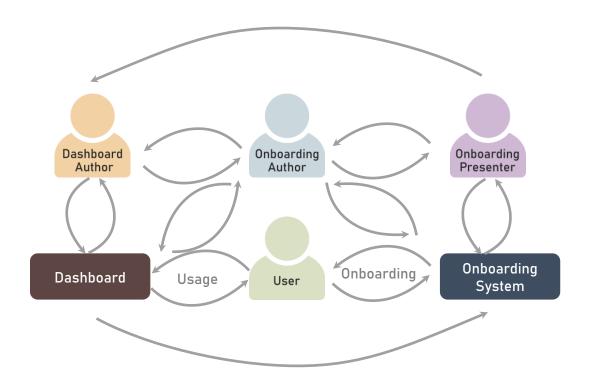
Roles & Interactions in the Onboarding Process



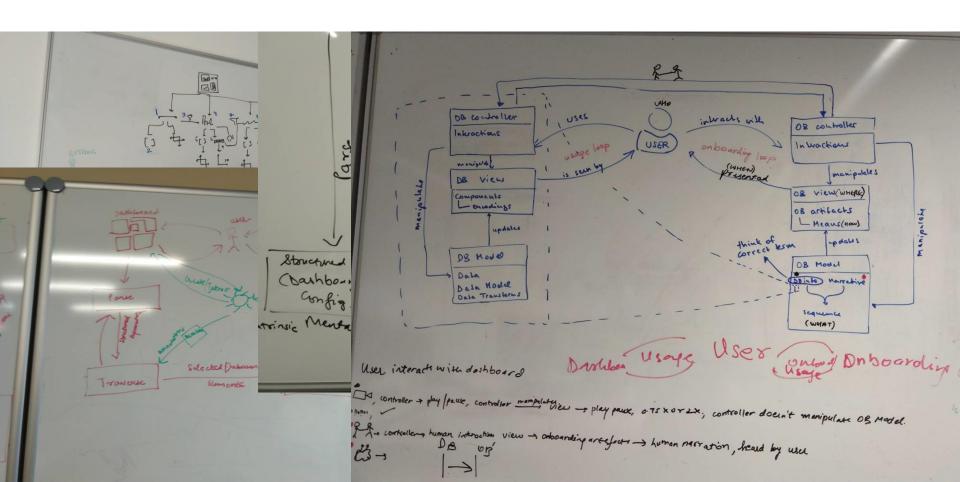
Roles & Interactions in the Onboarding Process



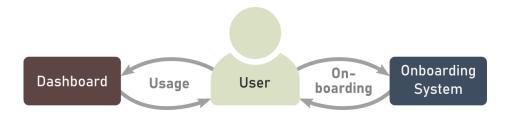
Roles & Interactions in the Onboarding Process



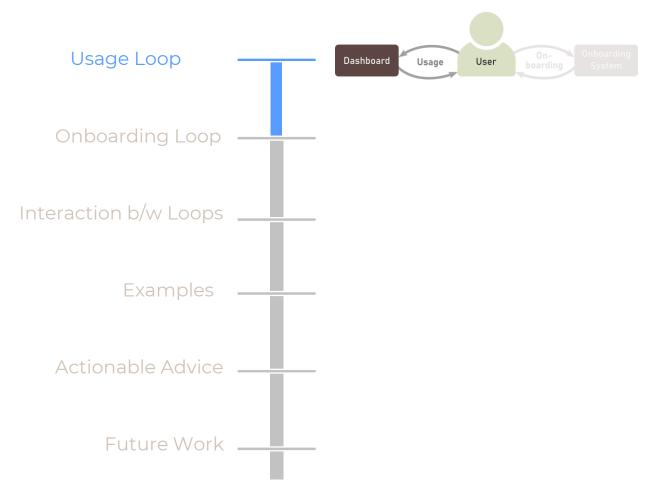
Prototyping the Process Model



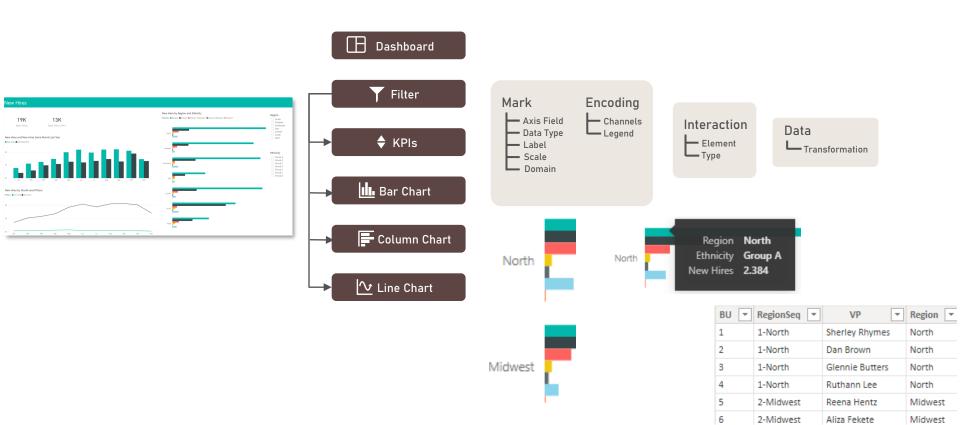
Onboarding Process Model



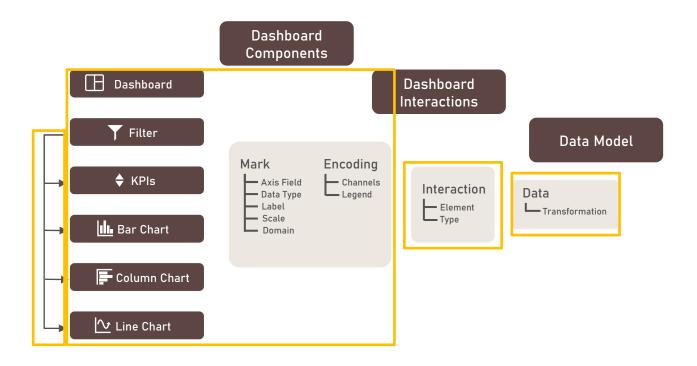
Process Model

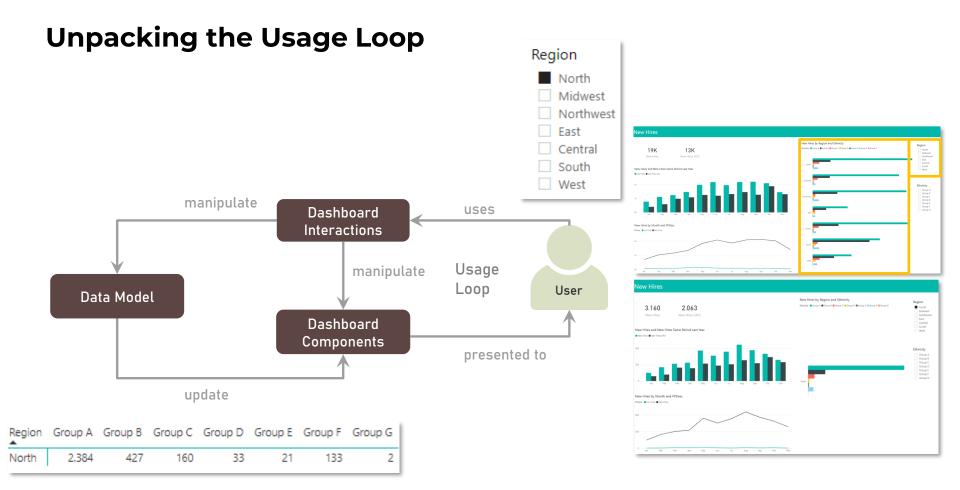


Elements of the Usage Loop

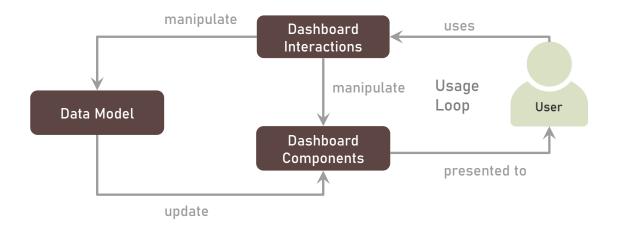


Elements of the Usage Loop

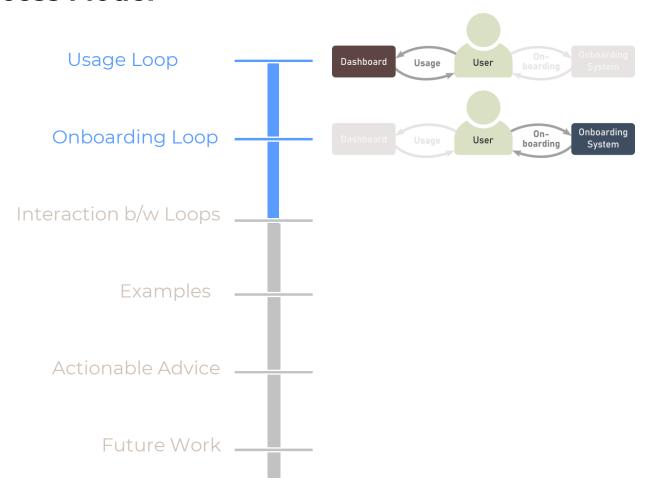




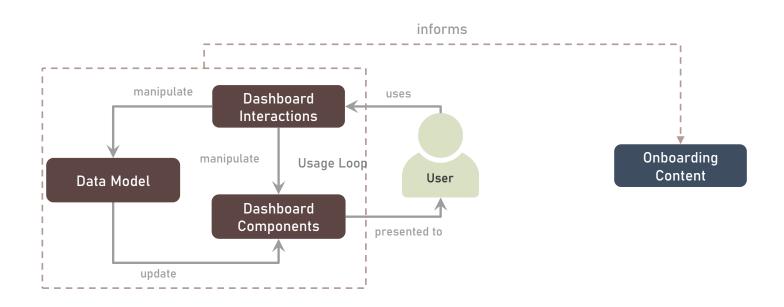
Usage Loop

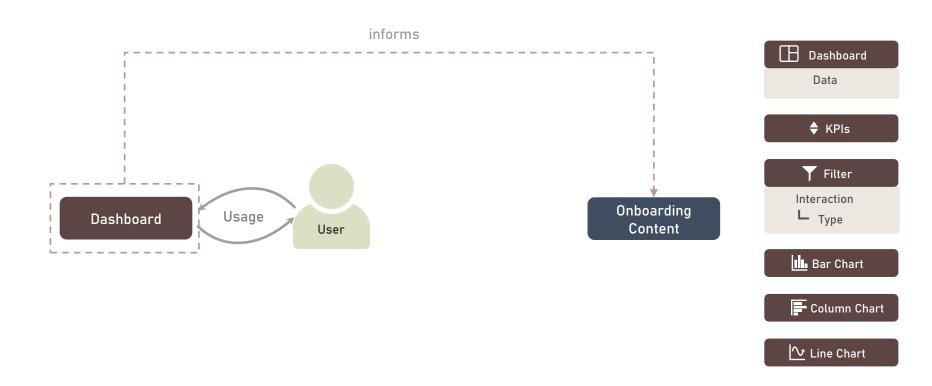


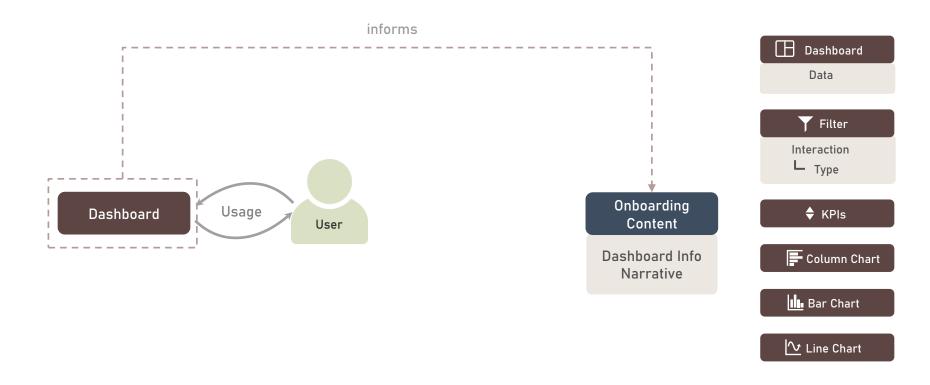
Process Model

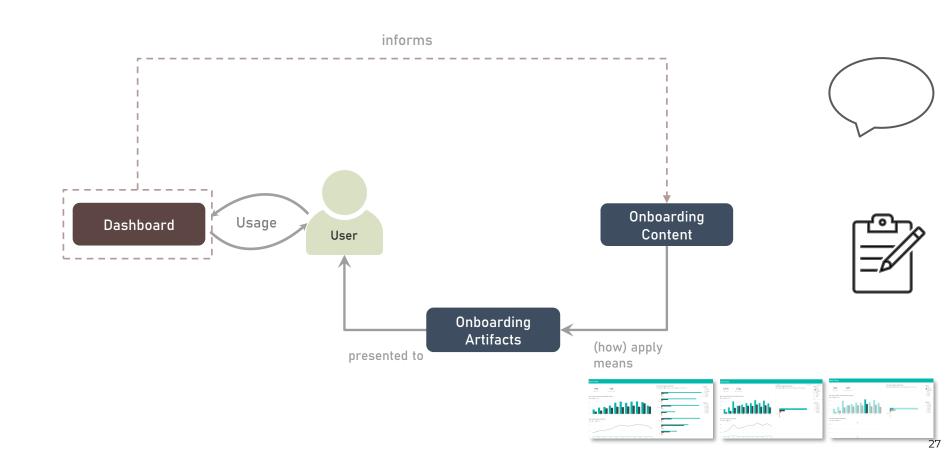


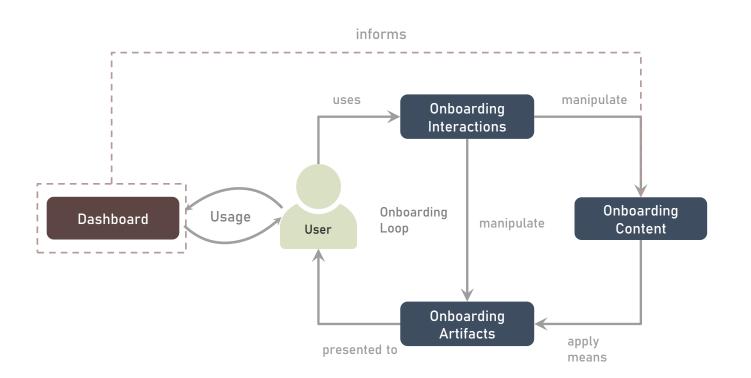
Elements of the Onboarding Loop











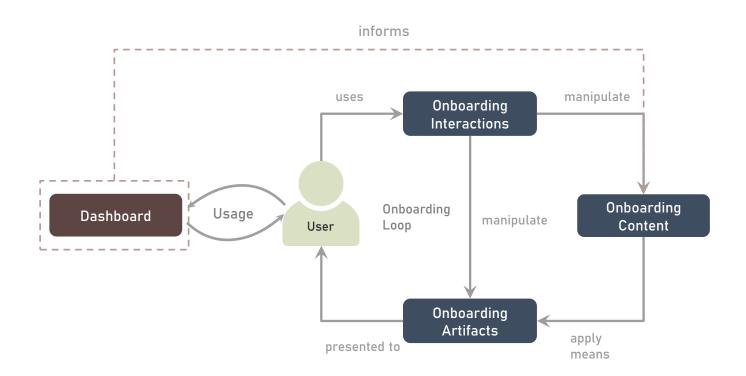




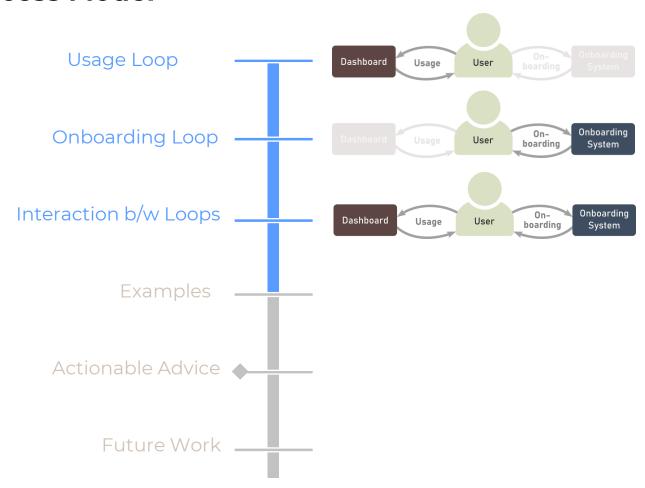




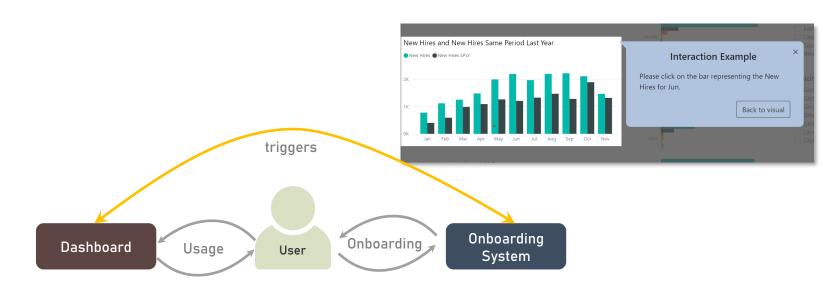
Onboarding Loop

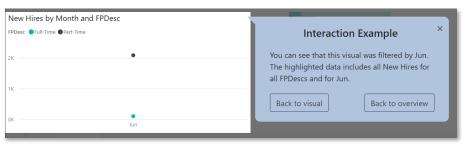


Process Model

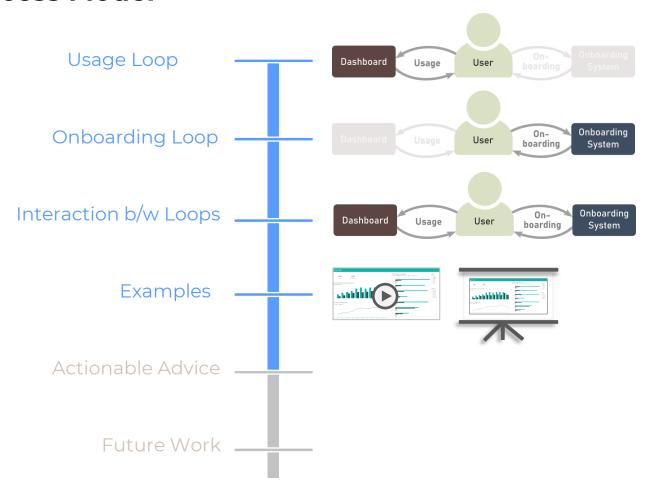


Interaction between the Dashboard & Onboarding Loop





Process Model



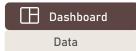
Example: Video















Content







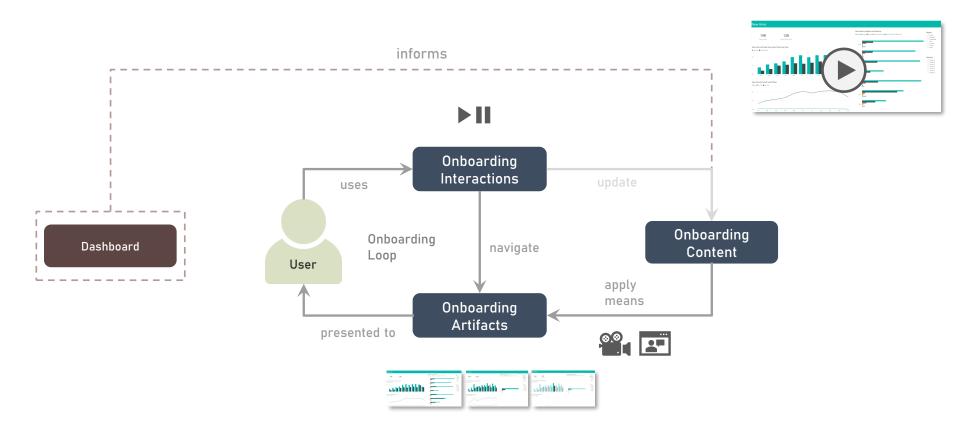


ightharpoonup Line Chart

Onboarding Artifacts

Onboarding Interactions

Example: Video

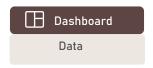


Example: Human Presenter

Onboarding

Content

















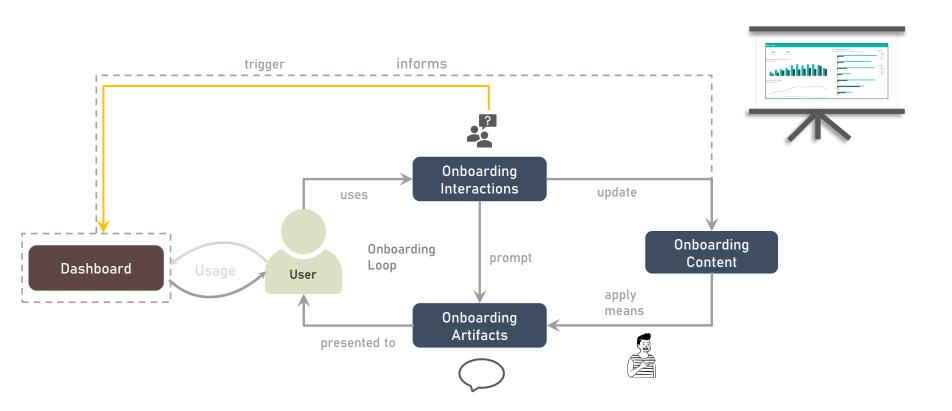




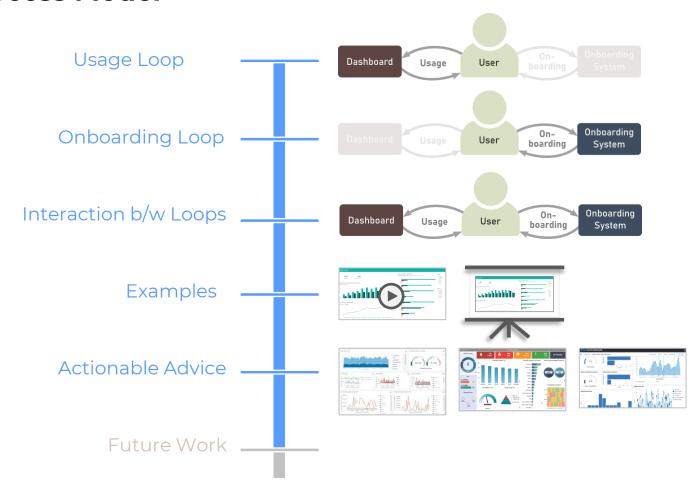


Onboarding Interactions

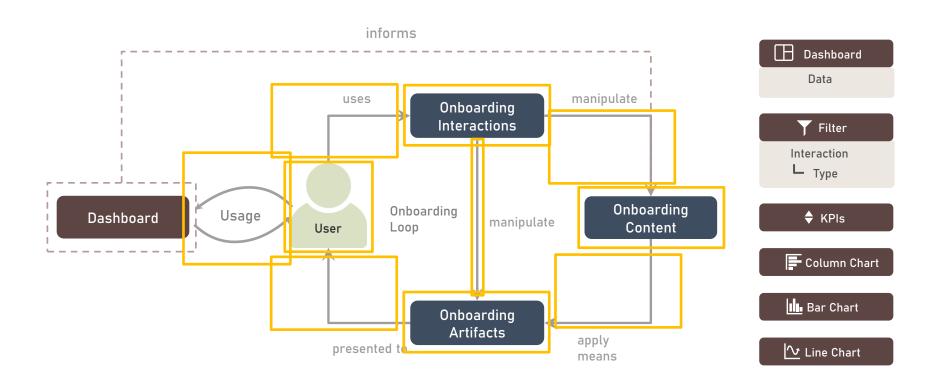
Example: Human Presenter



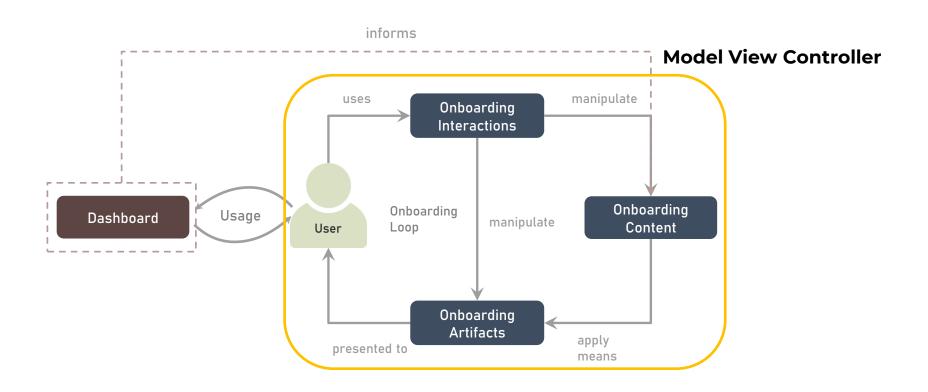
Process Model



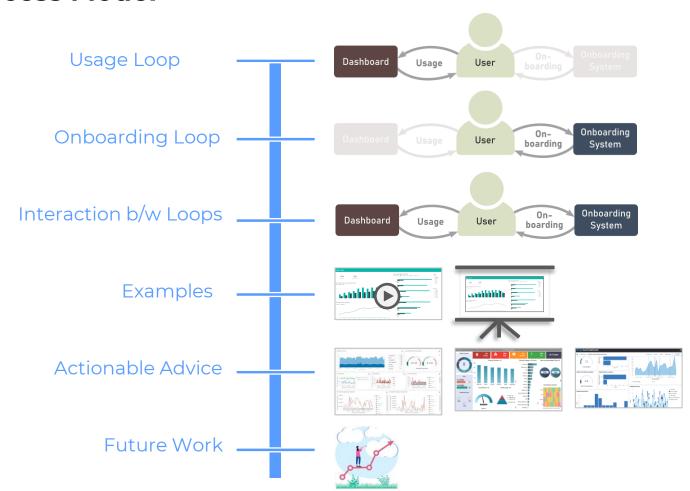
Actionable Advice



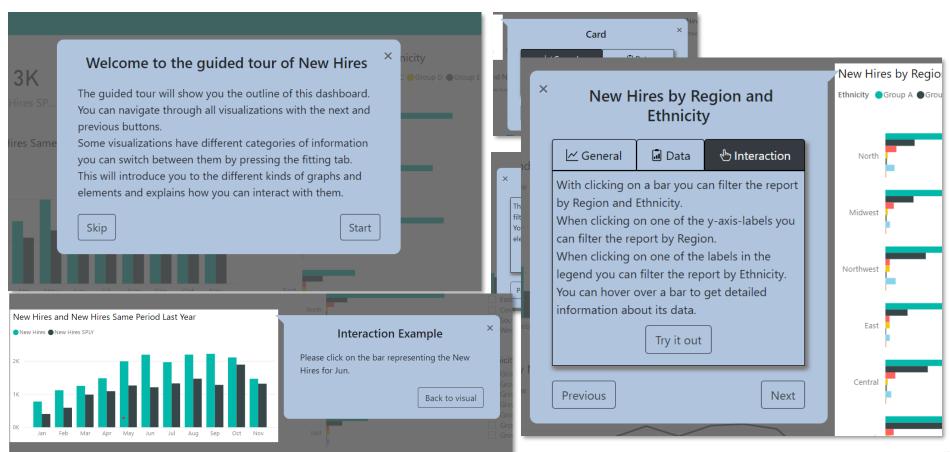
Actionable Advice: Implementation



Process Model

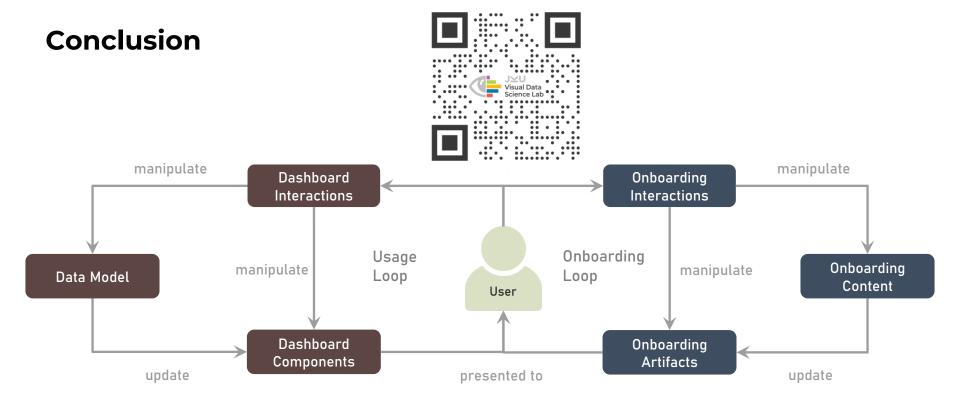


Future Work



Conclusion





Link to the paper: https://osf.io/gux9w/