



UF II: Tableau Seminar

Prof. Dr. Klaus Schulte
Professor of Management Accounting | Tableau Visionary

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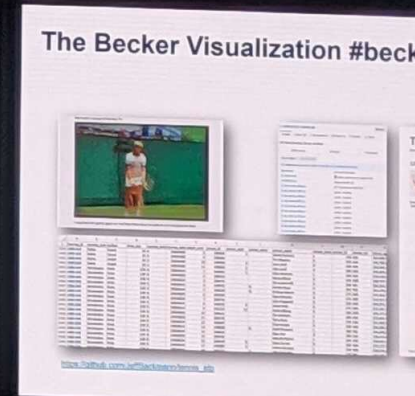
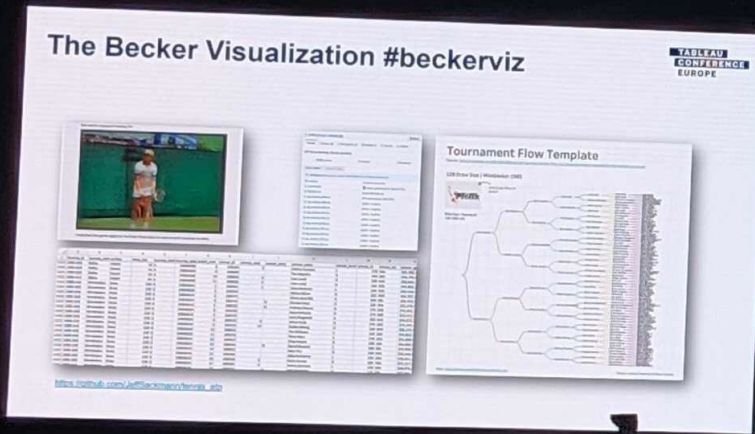


At day: Prof. Dr. Klaus Schulte

- Joined MSB in 3/2010
- Teaching management accounting as a professor at Münster School of Business at MUAS fh-muenster.de/wirtschaft

- Research on controlling, accounting, and data topics
- (Co-) Author of 5 Textbooks
- Numerous book chapters and articles in practice-oriented journals

At Night: @ProfDrKSchulte



- 2018 IronViz Europe Champion
- 4x Tableau Visionary
- Delivering Tableau dashboards to serve Finance & Controlling professionals with CO data
co-data.de

- Creating Tableau data visualizations as an author on Tableau Public
public.tableau.com/profile/klaus.schulte#!/
- Blogging about my data visualizations at vizjockey.com vizjockey.com

Agenda

Lecture concept

1. Introduction & lecture concept
- 2. Hands-on Data Engineering**
3. Building Blocks of Visual Analytics
4. Hands-on Data Visualization

- How can dirty data be cleaned of errors and formatting issues?
- How can relevant information from multiple places be combined for analysis?
- How do data engineering processes have to be designed for repetition and automation?
- Tools: Tableau Prep Builder, Tableau Desktop

Agenda

Lecture concept

1. Introduction & lecture concept
2. Hands-on Data Engineering
3. **Building Blocks of Visual Analytics**
4. Hands-on Data Visualization

- Milestones of visual analytics
- What is the general concept of visual perception?
- What are pre-attentive attributes and how do we use them in data visualizations?
- What is good and what is bad practice in data visualization?


Agenda

Lecture concept

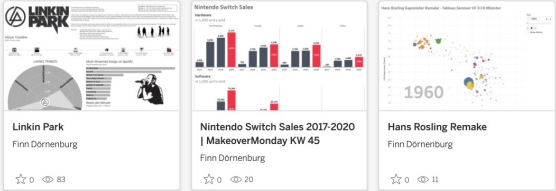
1. Introduction & lecture concept
2. Hands-on Data Engineering
3. Building Blocks of Visual Analytics
- 4. Hands-on Data Visualization**

- Introduction to the Tableau UI and to the implementation of pre-attentive attributes in Tableau.
- Brief introductions into...
 - ...basic concepts and how-to use ‚Show Me‘ to create simple and effective charts.
 - ...how-to explore & analyze data.
 - ...how-to share insights on a dashboard.

Examples


Finn Dörnenburg
 Folgen


Visualisierungen 3 Favoriten 0 Folge ich 0 Follower 0



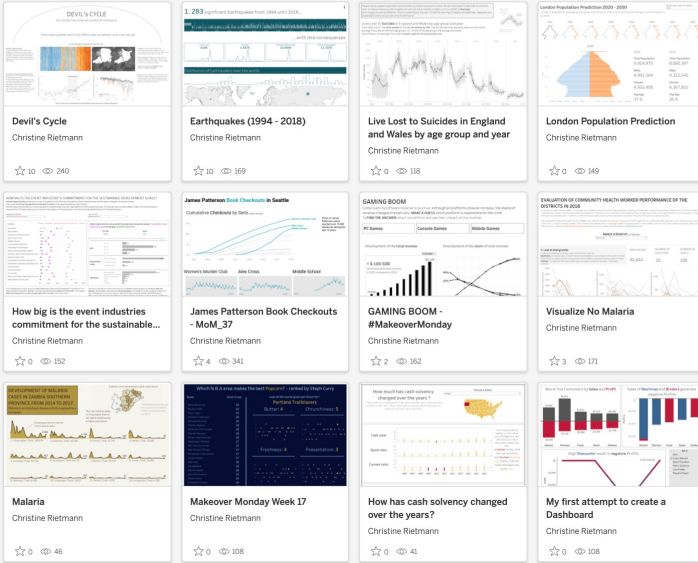
Linkin Park
Finn Dörnenburg
☆ 0 👁 83

Nintendo Switch Sales 2017-2020 | MakeoverMonday KW 45
Finn Dörnenburg
☆ 0 👁 20

Hans Rosling Remake
Finn Dörnenburg
☆ 0 👁 11


Christine Rietmann
 Münster, Germany
 Folgen

Visualisierungen 12 Favoriten 82 Folge ich 71 Follower 94



Devil's Cycle
Christine Rietmann
☆ 10 👁 240

Earthquakes (1994 - 2018)
Christine Rietmann
☆ 10 👁 169

Live Lost to Suicides in England and Wales by age group and year
Christine Rietmann
☆ 0 👁 118

London Population Prediction
Christine Rietmann
☆ 0 👁 149

James Patterson Book Checkouts in Seattle
Christine Rietmann
☆ 4 👁 341

GAMING BOOM
Christine Rietmann
☆ 2 👁 162

EVALUATION OF COMMUNITY HEALTH WORKER PERFORMANCE OF THE DISTRICTS IN 2020
Christine Rietmann
☆ 3 👁 171

How big is the event industries commitment for the sustainable...
Christine Rietmann
☆ 0 👁 152

James Patterson Book Checkouts - MoM_37
Christine Rietmann
☆ 4 👁 341

GAMING BOOM - #MakeoverMonday
Christine Rietmann
☆ 2 👁 162


Visualize No Malaria
Christine Rietmann
☆ 3 👁 171

Malaria
Christine Rietmann
☆ 0 👁 46

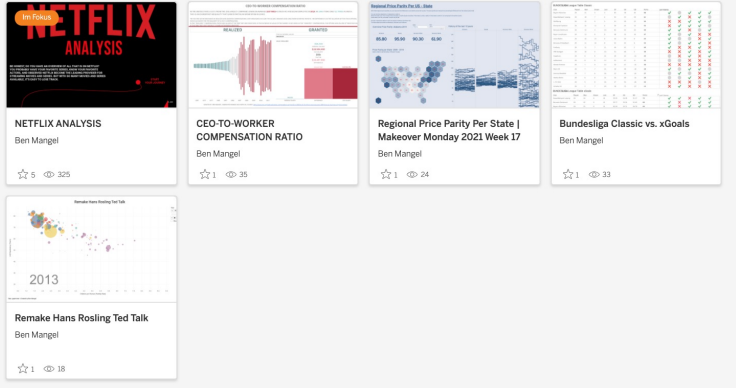
Makeover Monday Week 17
Christine Rietmann
☆ 0 👁 108

How much has cash solvency changed over the years?
Christine Rietmann
☆ 0 👁 41

My first attempt to create a Dashboard
Christine Rietmann
☆ 0 👁 108


Ben Mangel
 Folgen

Visualisierungen 5 Favoriten 13 Folge ich 0 Follower 1



NETFLIX ANALYSIS
Ben Mangel
☆ 5 👁 325

CEO-TO-WORKER COMPENSATION RATIO
Ben Mangel
☆ 1 👁 35

Regional Price Parity Per State | Makeover Monday 2021 Week 17
Ben Mangel
☆ 1 👁 24

Bundesliga Classic vs. xGoals
Ben Mangel
☆ 1 👁 33

Remake Hans Rosling Ted Talk
Ben Mangel
☆ 1 👁 18

Organizational Framework

- Teaching hours: 4 h/week; 6 ECTS
- Date: tuesdays, 8:30 bis 11:45 Uhr
- Room: N.N.
- Participants: 20 (max)
- Language: german & english
- Examination: Dataproject)
- Requirements: Each participant needs a laptop (MAC or Windows)