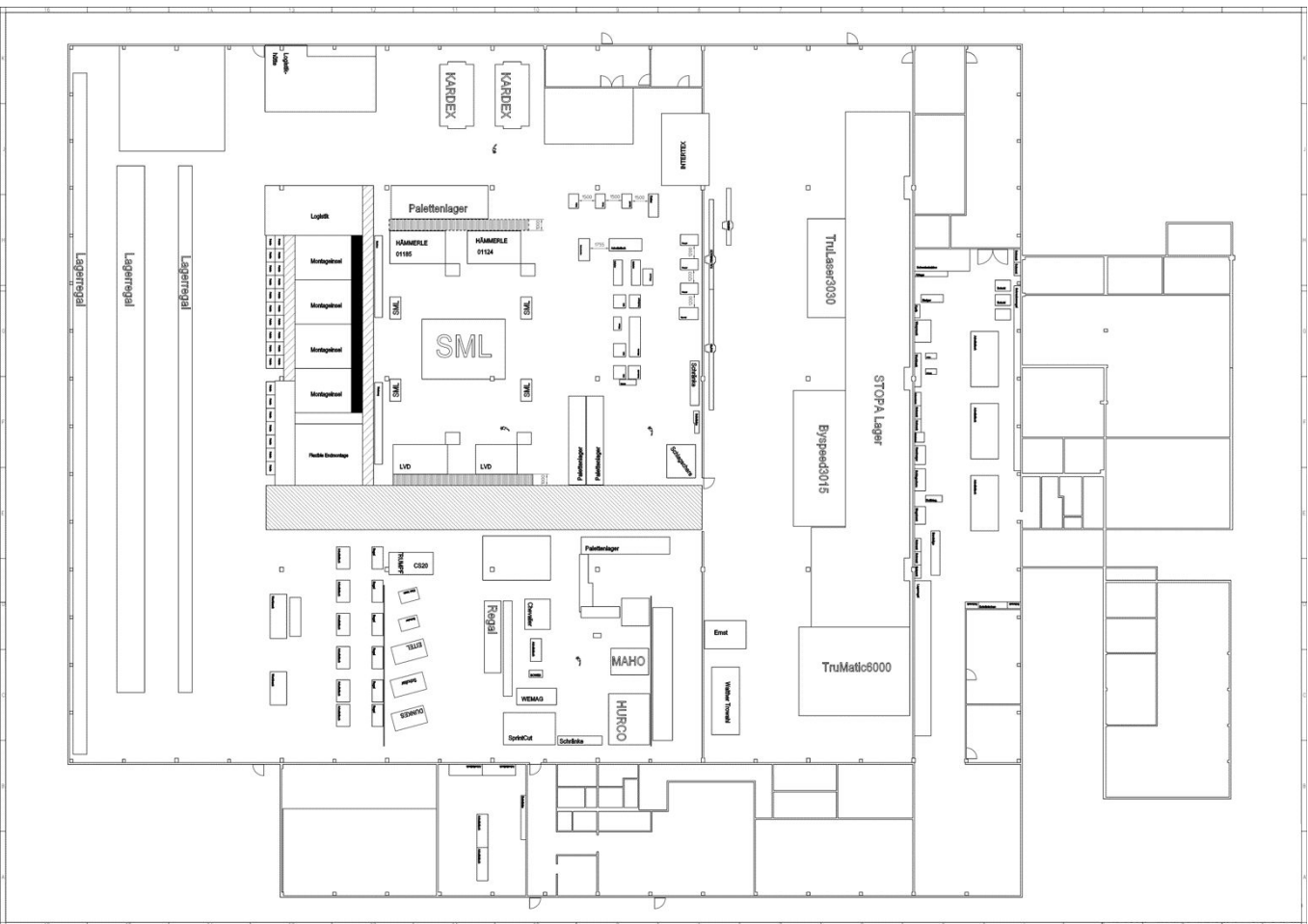


# TrackNTrace



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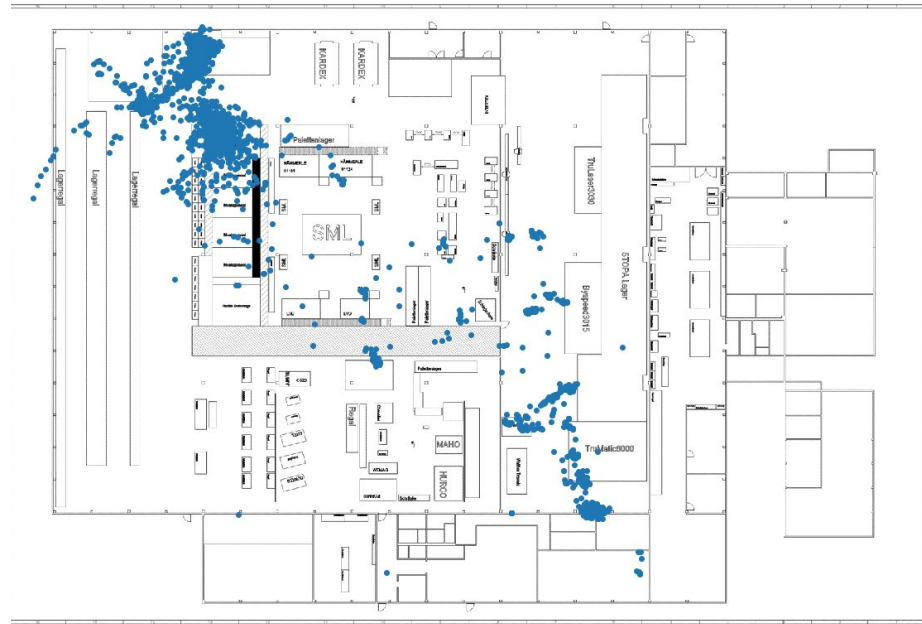
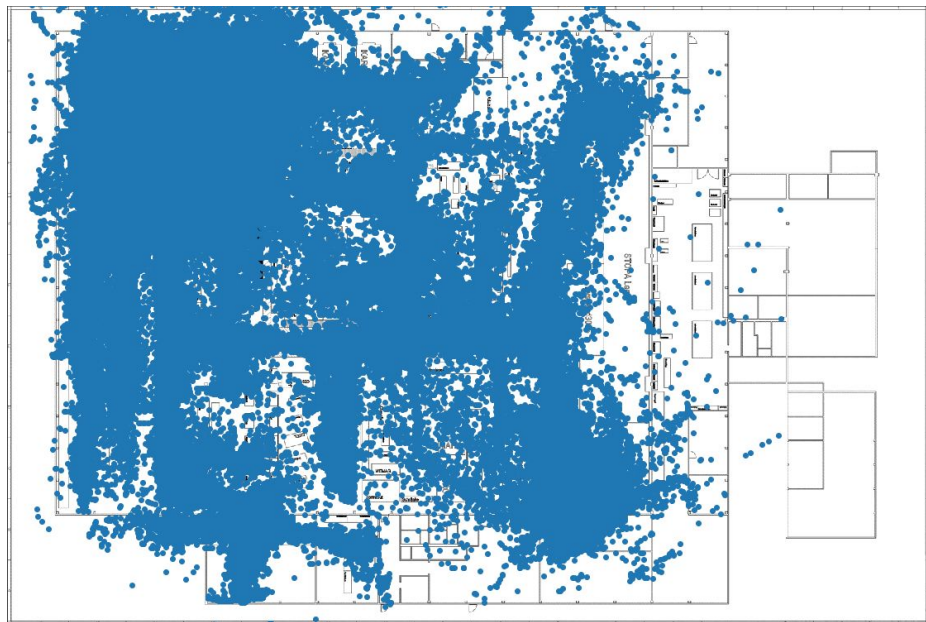
**Ein Interaktives Tool zur Visualisierung und Exploration  
von “Trumpf ist Trumpf”**





# Datenaufbereitung

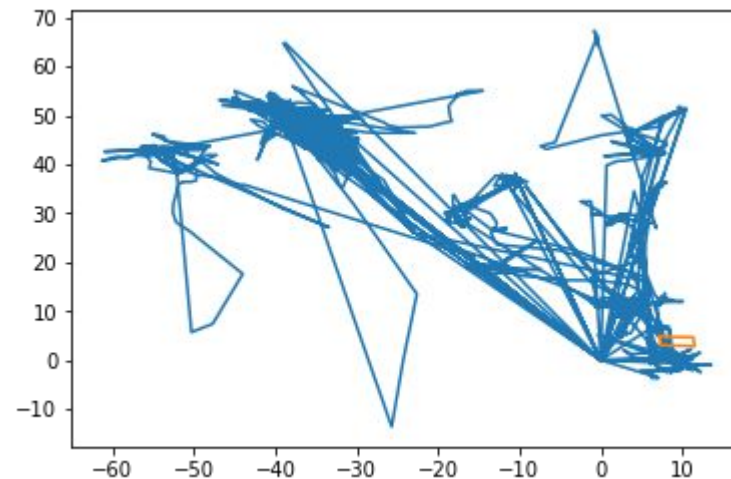
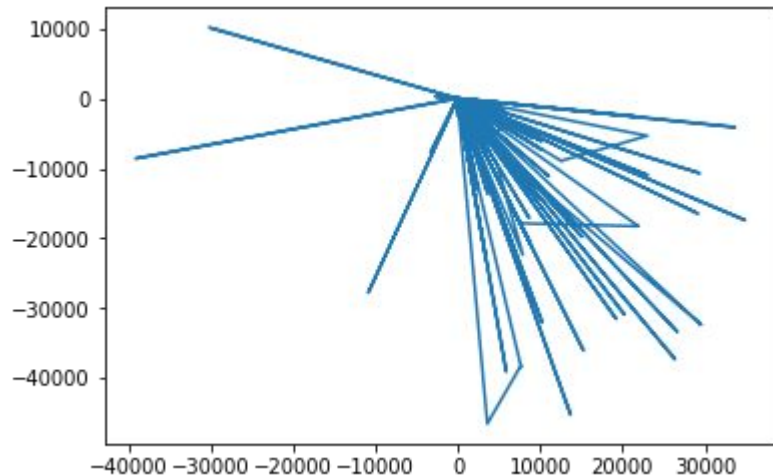
Kompletter Datensatz vs. eine Adresse (resampled)

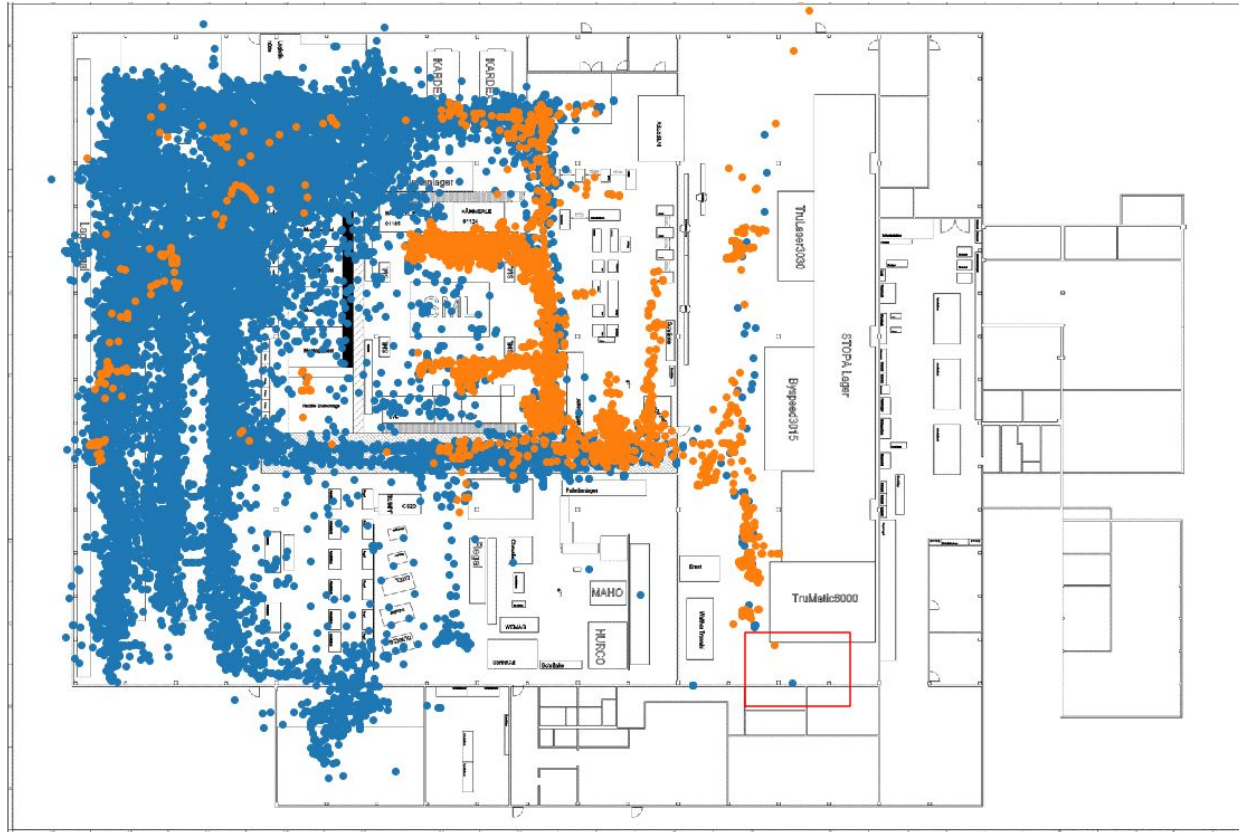




# Datenaufbereitung

Am Beispiel von Adresse 4751451578702838656







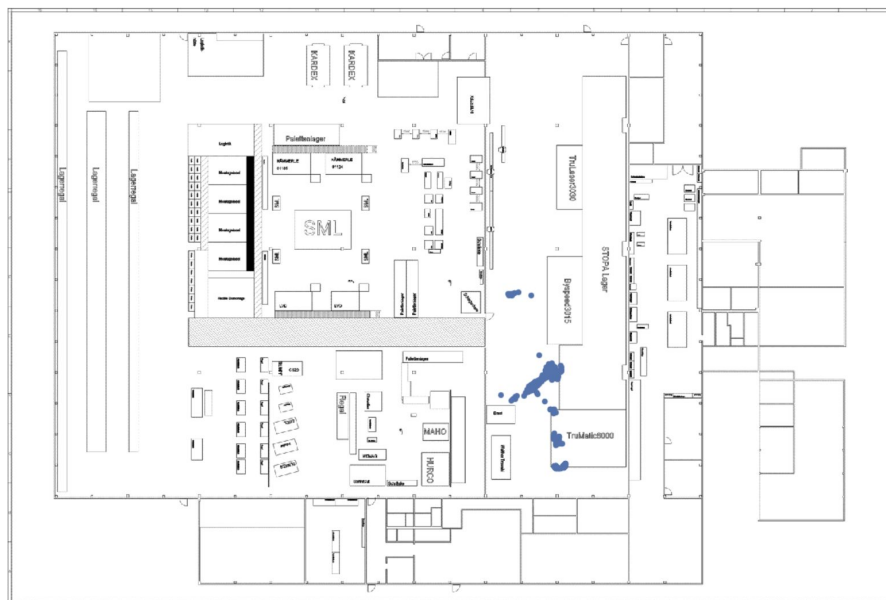


# Demo

Next

End 08/30/2018

145401774635637016 ▾

☒ Show Positions

#### Important Areas

☐ Show Areas

Avg. Wait time:  
0s

**Avg. Proc time:**  
**1.71s**

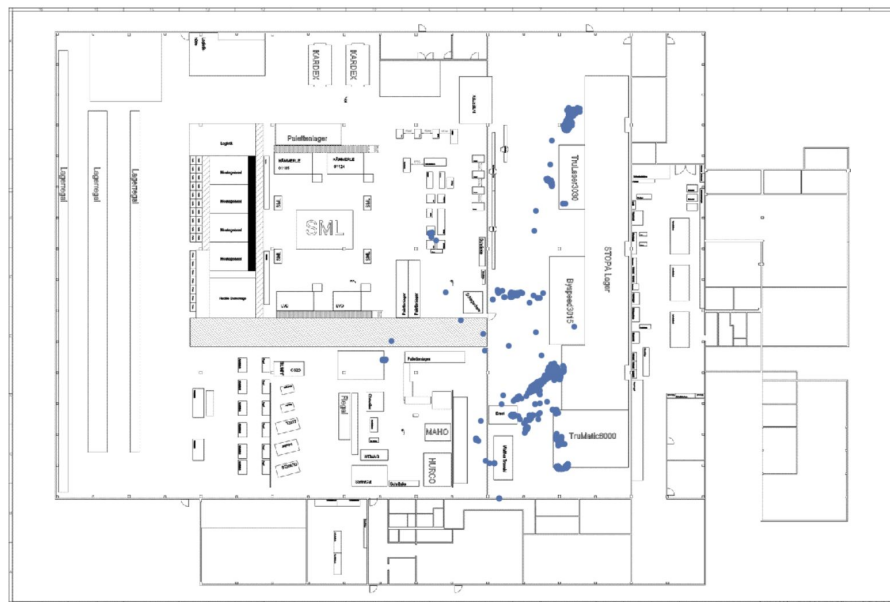
Time-based  
Position of devices



Next

End 10/10/2018

145401774635637016 ▾

☒ Show Positions

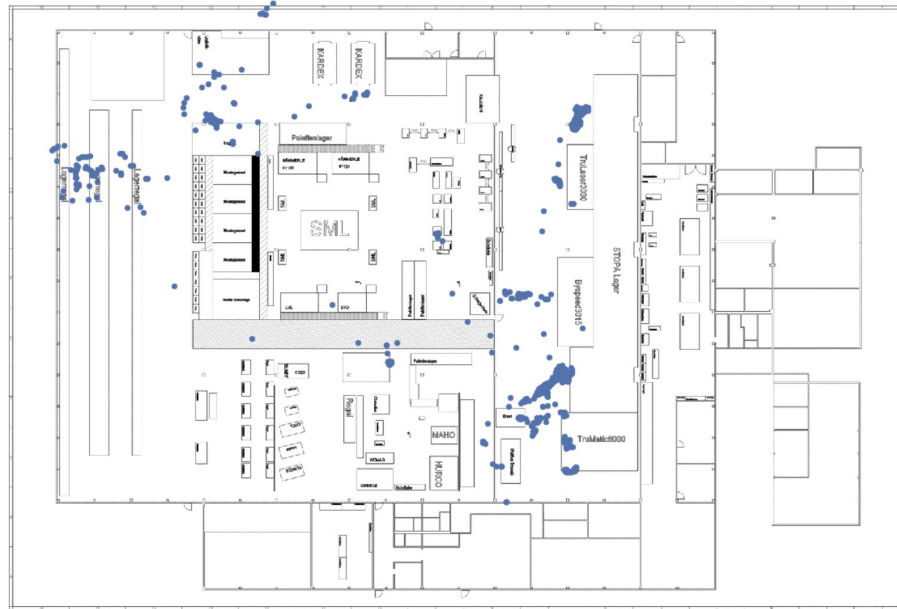
☐ Important Areas

☐ Show Areas

Avg. Wait time:  
0s

Avg. Proc time:  
1.49s

Time-based  
Position of devices



- |                                     |                 |
|-------------------------------------|-----------------|
| <input checked="" type="checkbox"/> | Show Positions  |
| <input type="checkbox"/>            | Important Areas |
| <input type="checkbox"/>            | Show Areas      |

Avg. Wait time:  
n/as

Avg. Proc time:  
n/as

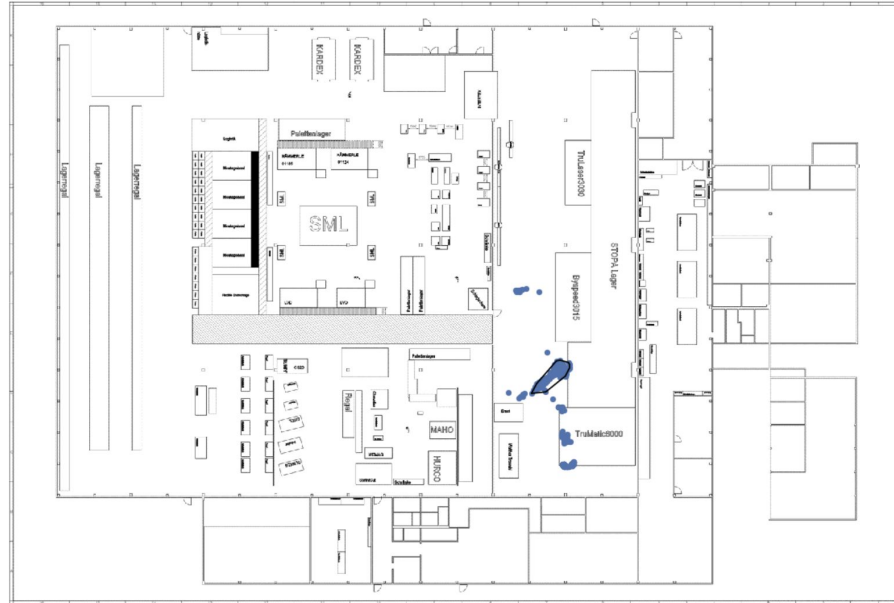
Time-based  
Position of devices

Prev Next

Start 08/29/2018

End 08/30/2018

145401774635637016 ~



<input type="checkbox"/>	Show Positions
<input checked="" type="checkbox"/>	Important Areas
<input type="checkbox"/>	Show Areas

Avg. Wait time:  
n/as

Avg. Proc time:  
n/as

Time-based  
Important areas

☐ Show Positions☒ Important Areas☐ Show Areas

**Avg. Wait time:**  
n/as

**Avg. Proc time:**  
n/as

## Time-based Important areas

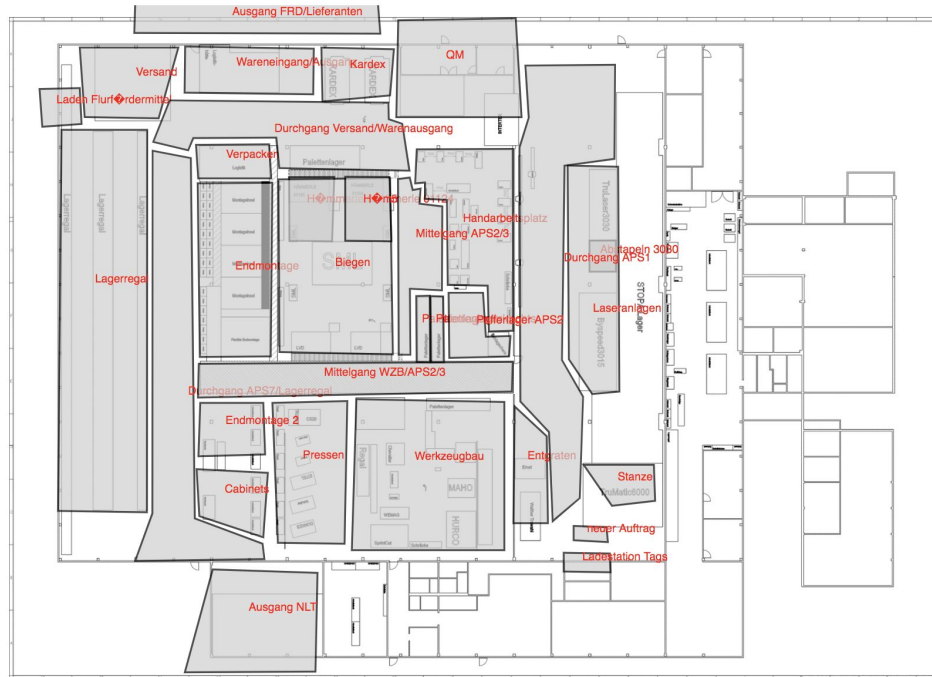
Prev

Next

Start 08/29/2018

End 08/30/2018

145401774635637016 ▾

☐ Show Positions☐ Important Areas☒ Show Areas

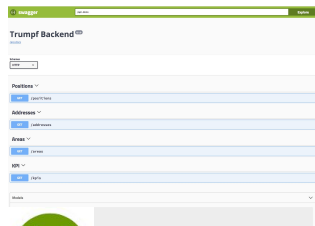
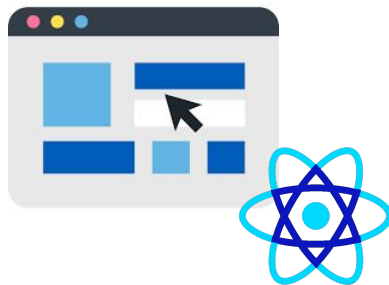
Avg. Wait time:  
0s

Avg. Proc time:  
1.71s

Time-based  
Areas



# Architektur





# TrackNTrace

Data  
Cleaning

Interaktives  
Explorations-  
Tool

Hot-Spots  
und  
Outlier

KPIs

Matthias Stumpp

Lukas Krumholz

Daniel Wolffram

# Damit Trumpf Trumpf ist.