My SAC Knowledge Stand

- Navigation, General Admin and Security
    - Users, Teams, Roles, Requests, Transports, Workspaces, Performance Analysis Tool

- Known BI Functionalities (for self-service)
    - Charts, tables, time series, conditional formatting, variances, reference line
    - Measures (restricted, calculated, aggregated)
    - Defining colors/themes (templates)
    - Hierarchies
    - Geo Maps (experience with upload-data using coordinates)
    - Sharing, exporting, publishing stories
    - Filters (different forms, cascading filters)
    - Linking data models
    - Data Analyzer

- Optimized Design Mode (non-scripting)
    - Line Filter
    - Panels, tab strips

- Scripting (Most of these functionalities can be seen in a 2 minute video >> URL link below)
    - Different view modes (full vs. condensed) providing different URLs (string SV)
    - Dropdown Menu
    - Radio Button to switch charts
    - Create Popup (Info Popup) – scripts to open and close popup
    - Button to switch between table/chart (and other way around)
    - Button to open/close navigation panel for a table (boolean SV)
    - Button to open data analyzer
    - Button to filter on additional dimensions or remove filters
    - Button that changes text on a text area onClick (also using a SV)
    - Functionality to show a 'hidden' tab strip (object) by selecting a chart.
    - Changing tabs in a tab strip upon clicks on specific widgets

https://drive.google.com/file/d/1kGoknBoeG8ptPGi4LImYlGYWNHMBsoaE/view?usp=drive_link

My SAC Projects

1. **Dashboard of Contribution Margin (my first experience with SAC)**
   - Source: Live connection from BW7.5 and an excel upload
   - Users: Addressed to the higher management. Present the development of the contribution margin for single analysis units
   - End Format: Dashboard was downloaded and distributed as a Powerpoint presentation every quarter
   - A Geomap was created using coordinates from uploaded data
   - Report adapted regularly to refresh the new data

2. **Creation of a Vaillant Template**
   - Create templates in dark and in light format using the design from the company

3. **Dashboard for Plant Maintenance (new BW4/HANA)**
   - Source: Live connection from BW4/HANA
   - Users:Addressed to managers and controllers from manufacturing plants to review the development of maintenance costs
   - All calculations done in the BW-backend to achieve better dashboard performance

4. **Dashboard for Plant Maintenance (old BW 7.5 / parallel to the dashboard in point 2. until migration to BW4HANA is finished)**
   - Source: Live connection from BW7.5
   - Users: Addressees and functionality are the same as point 2. This dashboard was a parallel dashboard. The customer was satisfied with the first dashboard and ordered a second one from data that is still in our 'old' BW-System
   - Challenges: Outdated BW-query, not suited for SAC. Complex calculations/hierarchies/reference tables took place in the frontend (SAC)

5. **Material Requirements Planning**
   - Source: Live connection from BW4/HANA
   - Users: Addressed to employees in manufacturing plants to review development of material costs and its future needs
   - Challenges: The dashboard never went live because of our authorization concept. Authorization/Accounts to BW-Systems could not be granted to all users

6. **Group Audit – Stock Movements**
   - Source: Live connection from BW7.5
   - Users: Internal auditors use the dashboard to track irregular stock movements.
   - Challenges: Dashboard is on hold due to missing budget and uncertainty with regards to the way forward.

7. **Group Audit – Travel Expenses**
   - Source: Live connection from BW7.5
   - Users: Internal auditors use the dashboard to track travel expenses.
   - Challenges: same as point 6.