Creates GUI Component

__init__
- Initialize component and store app_state
- Declares all the GUI component variables
- Calls create_components
- Calls setup_layout

create_widgets
- Initializes all of the GUI component variables
- Adds bindings to required GUI components
- Adds the styling arguments to GUI components

setup_layout
- Creates a row and column configuration for the GUI
- Adds all of the GUI components to itself

Creates heatmap figure

create_heatmap_fig
- Shows an error message if the df has not been cleaned
- Calls **main.run_analysis**
- Calls **main.create_blank_fig(grid=False)**
- Adds a title and x and y label
- Sets the tick label sizes to fit the plot
- Gets the user heatmap_mode input
- Gets the pca_results loadings from app_state
- Calls **get_focus_cols**
- Calls **display_loadings_heatmap**
- Calls **main.update_figure**

get_focus_cols
- Gets the df column names
- Gets the loadings for the first principle component
- Converts the first principal component loadings into a pd.Series and sorts values
- If top 10 or 20 features are selected
    - Return top 10 or 20 features
- If custom features is selected
    - Get the columns from the focus_entry
        - Raise an error if focus_entry doesn't exist
    - Raise an error if no cols are provided in the focus_entry
    - Raise an error if some of the selected columns are not in the df

        - Return the custom features
    - If an exception occurs show an error and return None

display_loadings_heatmap

- Select all data_columns if no focus columns are provided
- Get the loadings for the selected columns
- Create a new figure using the fig_size in app_state
- Generate a heatmap
- Sets title and x and y labels
- Sets tick_parameter sizing

on_heatmap_mode_change

- Disables and enables the focus column entry