Darts – Final Presentation

Group: Emilie Terhaar, Sara Rolfs, Tyra Kausch

Development

- Research Questions formulated with Data Sources in mind
- Data Extraction
  - Webscraping of Data Sources
  - Save Data in CSV files
  - Cleaning datasets
- Data Visualization
  - Several Python Scripts per Research Question made with Plotly
- Documentation
- Website
  - Build with Streamlit
- Poster
  - Select Visualizations from finished Website

Major Problems and their Solutions

- No APIs
  - Webscraping of Data in html code

- Too many Research Questions
  - Focus on most interesting

- Limitations with Streamlit
  - A lot of Research
  - Design own Navigation Sidebar
  - Create Website Structure

- Poster Template
  - Many own Adjustments
  - Many Feedback Loops

Project Results

- Match: Consists of multiple legs

- Leg: players attempt to reduce their score from 501 to exactly zero, finishing with a double field (outer rim)

- Average: average points scored per three darts/one throw

- Checkout Percentage: success rate of finishing a leg when a player reaches a checkout opportunity

Now, let's look at our Website!