

Milestone 1 (Friday 29th March, 5pm)

Team

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Dataset

The dataset consists of detailed records from the Men's Volleyball NLA, encompassing every game and containing a log of actions performed by each player. The data is stored in a text file format per game.

Data Quality:

1. Completeness: Every game during qualification phase is contained (Season 23/24)
2. Consistency: All stats are done by Marco Fölmli, Head Coach of LUC Volleyball NLA.

Preprocessing Requirements: The files are stored in .dv files and need to be parsed into JSON format to make better use of the data for extraction purposes.

Problematic

Overview: The project aims to create a dashboard displaying player rankings throughout the volleyball season. By visualizing statistics from different matches and tournaments, the dashboard offers insights into player performance and trends over time.

Motivation: The dashboard aims to turn complex season-long statistics from volleyball matches into interactive visuals.

Target Audience: The target audience for this visualization includes coaches, analysts, players, and fans interested in gaining deeper insights into player performance and rankings over a volleyball season. Players can track their own performance metrics and benchmark themselves against their peers. Additionally, fans can engage with the dashboard to follow their favorite players and teams throughout the season, enhancing their overall viewing experience.

Main Axis of Development: The main axis of development for the visualization revolves around creating a dynamic and interactive dashboard that presents player rankings in a clear and intuitive manner

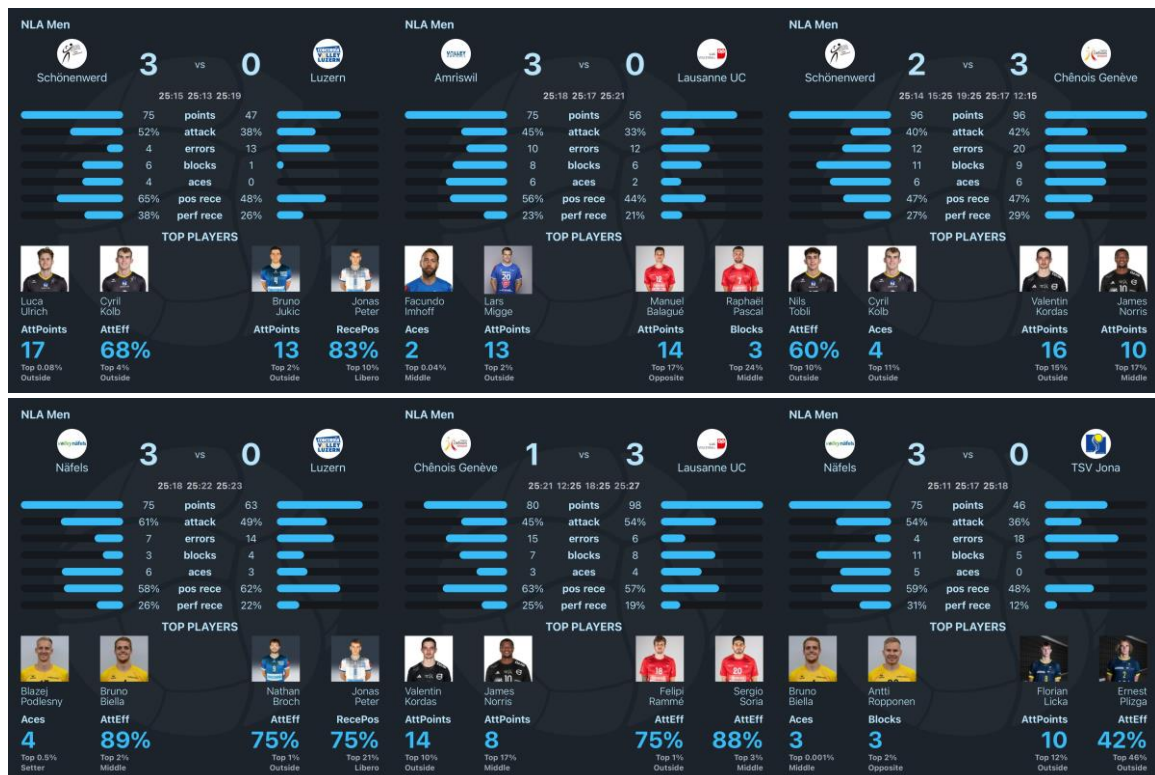
Exploratory Data Analysis

Insights of the Dataset can be seen on the FantasyVolley page

(<https://www.fantasyvolley.ch/players/652fd006fdb6266f3aafd9e3>), see examples in the section below

Related work

- <https://www.fantasyvolley.ch>: It's a Swiss volleyball website that shows details about ongoing and past matches, teams, and players in a visual format. It is also possible to Tip on the outcome of future games to compete against friends. Plus, you can assemble your own dream team from the league and earn points based on how well the players perform in real matches.



- Data Project is an Italian firm providing leading software for game analysis and preparation for professional volleyball teams. This Program contains insights about

the stats and is also the source of the .dvw files.

(<https://www.dataproject.com/Products/EU/en/Volleyball/DataVolley4>)