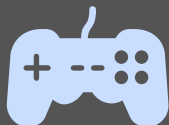




Replay Parsing



Game Replay
Collection



Storage of
Parsed Data



Example Dataset
for Demonstration



3D Visualizations of
in-game maps



2D Graphical
Visualizations

Data Visualization in Esports

*Providing a UX-focused tool
for game data visualization
and analysis*



Replay Parsing

With Python script, generate standard and digestable data format (ex. JSON)



Game Replay Collection

Use open-source tools to generate in-game script which extracts game data from Overwatch 2



Storage of Parsed Data

Data will be stored locally and uploaded for visualization purposes as needed.



Example Dataset for Demonstration

Store a small amount of example data to demonstrate tool capabilities without needing to upload



3D Visualizations of in-game maps

Collect 3D render of maps

Turn renders of maps into heatmap for teams to view



2D Graphical Visualizations

Create useful visualizations from collected data using existing libraries (VegaLite, d3.js)

