

GA Project Idea - Gettin' Good

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The Problem and The Data

PROBLEM

- Background:
 - a. I play a lot of Overwatch, an online team-based game developed by Blizzard
 - b. Players are placed in ranks from Bronze - Grand Master
- Problem:
 - a. I am not very good and am languishing in Silver/Gold
- Stakeholders:
 - a. Me and my teammates who depend on optimal performance to rank up

DATA

- What data exists to help solve this problem?
 - a. Aggregated game data - time, damage, eliminations, wins
 - b. General game data - maps, characters, abilities
- Where is it coming from?
 - a. Overwatch API - <https://overwatch-api.net/docs/v1>
 - b. Kaggle - <https://www.kaggle.com/mylesoneill/overwatch-game-records>
- What does the data look like?
 - a. Image to right

```
{
  "total": 114,
  "first":
"http:\\\\overwatch-api.net\\api\\v1\\ability?page=1",
  "next":
"http:\\\\overwatch-api.net\\api\\v1\\ability?page=2",
  "previous": null,
  "last":
"http:\\\\overwatch-api.net\\api\\v1\\ability?page=3",
  "data": [
    {
      "id": 1,
      "name": "Biotic Rifle",
      "description": "Ana\\u2019s
rifle shoots darts that can restore health
to her allies or deal ongoing damage to her
enemies. She can use the rifle\\u2019s scope
to zoom in on targets and make highly
accurate shots.",
      "is_ultimate": false,
      "url":
"https:\\\\overwatch-api.net\\api\\v1\\ability\\1",
      "hero": {
        "id": 1,
        "name": "Ana",
        "description": "Ana\\u2019s
versatile arsenal allows her to affect
heroes all over the battlefield. Her Biotic
Rifle rounds and Biotic Grenades heal
allies and damage or impair enemies; her
sidearm tranquilizes key targets, and Nano
Boost gives one of her comrades a
considerable increase in power.",
```

Hopeful Outcomes

- What does success look like?
 - a. Identification of optimal character composition on each map and mode
 - b. Increasing my ranking!

