DATA VISUALISATION

ASSIGNMENT 2: INTERACTIVE LINE AND BAR CHART WITH FINAL WORK AI DATA

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KOKE AI

Serpent AI Agent that learns itself how to drive a car in Project Cars 2.

This graph represents the overall learning progress of our AI agent based on reward scores.

CHOOSE A RUN

to see the rewards during that run.

Total reward Points

Runs per session

RUN 1

Last updated: 16 november 2018

Reward Points

Steps per run
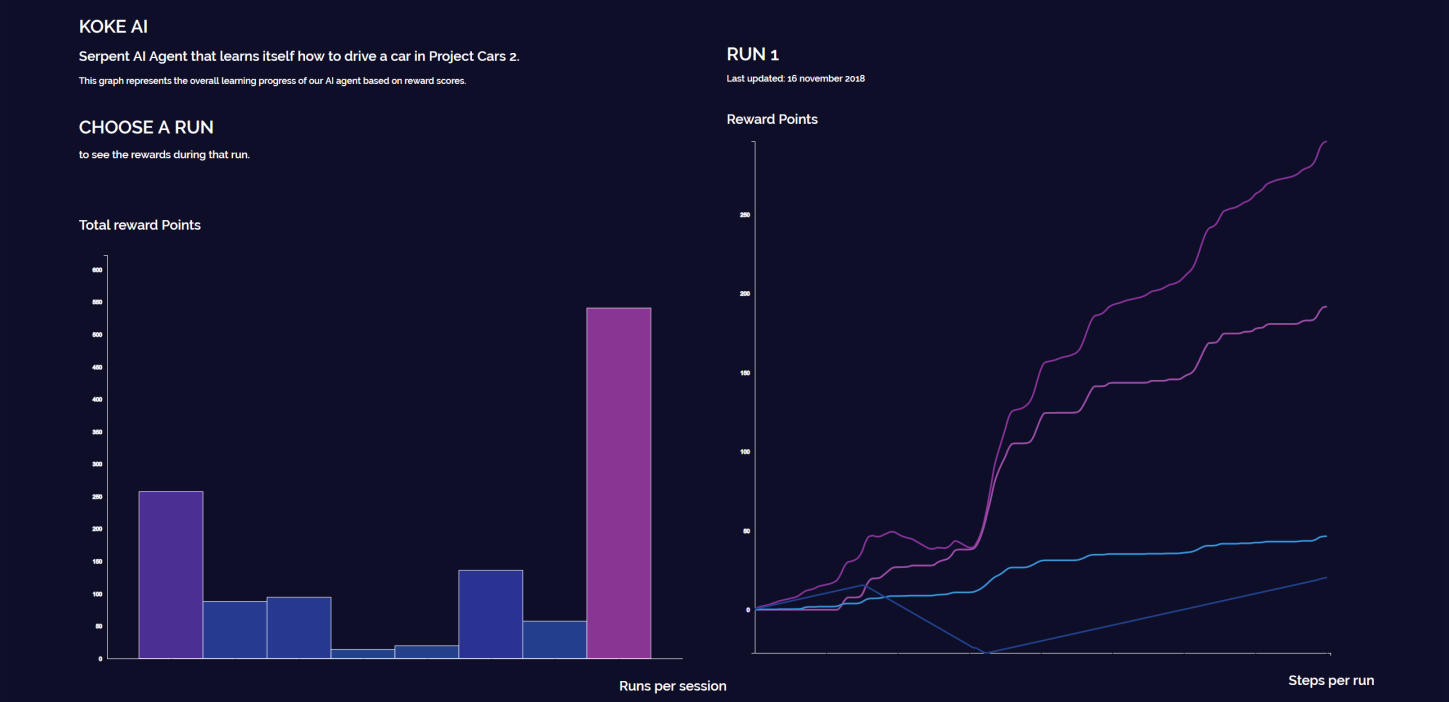
MAKING OF

For my final work me and my partner are writing an AI agent that learns itself how to drive a car in a simulation. We needed to visualise our data to see how we can improve our reward system, so I figured this was a great opportunity to do so.

After completing the Lynda lessons and receiving my certificate on D3, I started making the website. With d3 I created two charts: a bar chart that shows the total score per AI run and a line chart to visualise the score per step each run.

By loading in our data and analysing the patterns we already made improvements in our reward system.

GOAL

To visualise the data of the AI agent I am writing for Final Work in order to improve our reward system and see the progress our AI is making.

CHARACTERISTICS

Intend: explanatory
Appearance: interactive
Other: D3