Predicting Formula 1 Qualifying Order and Race Outcomes

Contents

Introduction

I will introduce and explain Formula 1. Explain how I will predict qualifying and then use my deviation from the real result of qualifying to predict the race result.

Brief overview of data and over concept of the thesis I would like to carry out.

Include significance/contribution to the discipline.

Key literature related to the project

Tabulate and compare main literature work and how it relates and assists the project. Will use a handful of projects specifically on F1, any racing predictions or sports prediction papers to assist.

Aims and Objectives with research question

List a few research questions. Like:

1. How accurately can I predict qualifying order?
2. How much does post-qualifying information assist with race result predictions?
3. What factors contribute to these findings. Team, weather, track etc.

Methodology/Development strategy/Research Design

- Include data sources and small eda on data to confirm its potential
- Discuss potential models to be used, evaluations methods, visuals. (visuals especially on factors affecting prediction)
- Go into further detail on the staged predictions. From qualifying to post qualifying predictions.

Ethical considerations and risk assessment (as part of your ethical approval application)

Check data is usable for educational purposes. Explain bias in data and limitations.

Speak about how this can be used for gambling. How I need warnings to avoid those using this to gamble. Ethics behind that.

Description of artefact(s) that will be created (if applicable)

Speak about a website type structure to publish results that run on a database. Model will be able to show latest predictions and accuracy. Most likely only predicting the winner. But hopefully top 10. Will see how findings come out. Could show top 10 predictions just to emphasize difficulties of predicting sport.

Timeline of proposed activities

Provide elaborate 6 month timeline for thesis

Conclusion

Summarize basic findings, ethics and all above. Finish off with goals on research questions.

Feedback

Hello Matthew,

thank you for the submission and it looks good.

All important parts are included and clear.

Remember, this is a video presentation.

So make sure to add visuals (charts & diagrams as needed) and to keep a good pace to make it a convincing delivery.

Well done, and I look forward to seeing the final version.