



Formula 1 DB

Team E2

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Team E2

Kevin Medina

- Instance pages
- Database optimization
- Web scraping

Samuel Yeboah

- Home page
- Instance pages
- Python tests

Alan Zhang

- Model pages
- Search/sort
- Selenium testing

Edie Zhou

- Model pages
- Search/sort
- Data collection



Formula 1 DB

Formula 1 DB displays data and statistics for Formula 1, aggregated from multiple public APIs. The site features historical and current data for information ranging from drivers to constructors to circuits.

Users that would benefit from this site include Formula 1 team members, Formula 1 fans, sport analysts, or anyone else looking to improve their understanding of Formula 1.



Demo

<https://f1stat-292509.uc.r.appspot.com/>



What did we do well?

- Effective communication
- Database/unit tests had good coverage
- Effective issue tracking and project planning
- Took ownership of code
- Organized branches



What can we do better?

- Consistent style
- Adding function comments
- Better coverage on GUI tests



What did we learn?

- How to use Flask and various Python libraries
- Effective issue management
- Selenium and Python unittest
- Planning out projects with UML diagrams