CSP-554: Project Planner : F1 Dataset analysis

Gopinath Robba

ID	Task	Start Date	End Date	Dependency	Owner			Status
					Gopinath	Tarun	Snehitha	
Project Envisioning Stage								
1	Project Group and Topic Formation	9/11	9/24					Completed
2	Project Proposal and Outline	10/2	10/22					Completed
3	Meeting: Plan for project							Completed
4	Project Plan and Details	10/30	11/5					Completed
Data Selection Stage								
5	Identify Data Sources	9/18	10/2					Completed
6	Data collection from Kaggle	9/25	10/1					Completed
7	Data extraction from F1 website	10/30	11/5					Completed
8	Review of dataset for quality	9/25	11/6					Completed
9	Data Documentation	10/2	11/8					Completed
10	Data extraction for netflix stock	11/13	11/16					Out Scoped
11	Meeting: Rewrite project scope	10/31	10/31					Completed
Data Processing Stage								
12	Data import into R-Studio	10/2	10/5					Completed
13	Data Cleaning: Outliers, Missing values, Duplicates	10/2	10/12					Completed
14	Meeting: Status of data cleaning	10/18	10/18					Completed
15	Data Validations	10/4	10/19					Completed
16	Data Aggregation	10/10	10/20					Completed
17	Meeting: Issue with df creation	10/10	10/10					Completed
18	Features Data	10/10	10/17					Completed
19	Data Scrubbing from websites	11/6	11/10					Out Scoped
Data Transformation								
20	Meeting: Next steps	10/25	10/25					Completed
21	Creating new data frames with races df	10/16	10/20	7				Completed
22	Creating new data frames with results df	10/16	10/20					Completed
23	Creating new data frames with driver standings df	10/16	10/20					Completed
24	Meeting: results dataset issue	10/30	10/30					Completed
25	Dropping unwanted columns from circuits, driver, results datasets	10/16	10/22					Completed
26	Scale features: wins, race dataset: sprint runs	10/25	10/29					Completed
27	Meeting: Next steps	11/2	11/2					Completed
28	Normalizing datasets: status dataset	10/25	10/30					Completed
29	Merging race dataset with player dataset	10/25	10/31	21				Completed
Data Analysis								
30	Create Hypothesis	10/2	10/8					Completed
31	Test/Train splits of results	10/31	11/5	7,29				Completed
32	Test/Train splits of driver standings	10/31	11/5	7,29				Completed
33	EDA for datasets	10/25	11/6	31,32				Completed
34	Feature selection	10/31	11/12	31,32				Completed
35	Feedback and Iteration	11/12	11/30					Completed
36	PCA for dimensionality reduction	10/31	11/15	33,34				Completed
37	Model (Linear and NonLinear) test with K-fold	11/19	11/26					Completed
Data Interpretation Stage								
38	Insights	11/19	11/26					Completed
39	Model comparison	11/12	11/19					Out Scoped
40	Documentation/Project report completion and Review	11/12	11/19					Completed
41	Presentation	11/12	11/30					Completed

GANTT CHART — Week: 1(9/17), 2(9/24), 3(10/01), 4(10/08), 5(10/15), 6(10/22), 7(10/29), 8(11/05), 9(11/12), 10(11/19), 11(11/26)

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	Turbulence
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	Need call
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