Data Wireframe & Sprint Plan Submission – Capstone Project Earth Temperature and Ocean Environment

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Data Wireframe

Key Data

Year	CO2 Concentration (Part per M)	Earth Temperature	Ocean Temperature (Average)	Global Hurricane Count	Hurricane Magnitude (Average)	Global Coral Bleaching Percentage	Global Fish Production (Tonnes)	Tourism Revenue for Coral Reef Host Nations (billions)	Global Economic Damage by Hurricane (billions)
1997	207.29	0.87	-0.03	82	3.1	23	171	4.2	91
1998	280.56	0.85	-0.08	121	3.2	12	156	3.9	101
1999	281.84	0.91	-0.01	134	2.9	34	171	5.1	83

Sprint Plan
Weekly Target

Week	Purpose	Weekly Tasks and Goals
7	Data Collection	- Collect desired data that contributes meaningful result to the overall model - Currently missing marine species population and national ocean GDP contribution
8	Data Cleaning	- Prepare and organize the data collected. Execute exploration and analysis of the prepared data set. - Some of the data currently are not in ready state
9	Build Simple Model	- Build a sample model that fits the objective of the project and the data (multi linear)
10	Refine Model	- Test to determine if there is any other model that would fit better for the project
11	Prepare for Demo day	- Build a presentation and practice presenting