

## Waterfall Project Management Plan

Milestone	Task	Assigned To	Estimated Time (hrs)	Estimated Start	Estimated Finish	Task Status	Number of Tasks Task Hours		
Github	Create Github repository for collaboration	Sharif	0.38	5/9/2022	5/9/2022	Complete	Ahad	15	40.50
	Add a README file	Marjea	1.50	5/9/2022	5/9/2022	Pending	Luis	11	37.25
Exploratory Questions	5-10 exploratory questions	Parth, Sharif, Luis	12.00	5/10/2022	5/10/2022	Complete	Sharif	10	37.50
	Find Dataset on Population, County, and Median Household Income to use with census data	All	48.00	5/10/2022	5/10/2022	Complete	Parth	11	35.75
	Choose Machine Learning algorithm - Geographically Weighted Regression	Ahad	6.00	5/10/2022	5/10/2022	Complete	Marjea	9	35.38
	Complete PMP	Luis & Marjea	24.00	5/11/2022	5/11/2022	Complete	All (each)	9	28.60
Submit on Github						5/12/2022	Complete		
Napkin Drawings & Feedback for Visualizations	Create Napkin Drawing	Marjea	5.50	5/10/2022	5/10/2022	Complete			
	Get two Napkin Drawing feedback	Marjea	3.50	5/12/2022	5/12/2022	Complete			
	Document Feedback	Marjea	1.50	5/12/2022	5/12/2022	Complete			
	Add Feedback to Visual	Marjea	1.50	5/12/2022	5/12/2022	Complete			
Submit on Github						5/13/2022	Complete		
Napkin Drawings + Feedback for the Dashboard	Create Dashboard Napkin Drawing layout with theme (color, font style, etc.)	Luis, Sharif	2.00	5/20/2022	5/20/2022	Complete			
	Get Two Napkin Drawing feedback	Sharif	3.00	5/20/2022	5/20/2022	Complete			
	Document Feedback	Sharif	2.00	5/20/2022	5/20/2022	Complete			
	Add Feedback to Dasboard	Sharif	1.50	5/20/2022	5/20/2022	Complete			
	Save all the screenshots and save as pdf	Sharif	0.38	5/13/2022	5/13/2022	Complete			
Submit on Github						5/13/2022	Complete		
Repeatable ETL Report	ETL	Ahad, Parth, Sharif	12.00	5/10/2022	5/11/2022	Complete			
	ETL Document	Parth	10.00	5/10/2022	5/13/2022	Complete			
	Extract Datasets	Ahad, Parth, Sharif	0.75	5/10/2022	5/19/2022	Complete			
	Transform Datasets	Ahad, Parth, Sharif	12.00	5/19/2022	5/19/2022	Complete			
	Merge Datasets	Ahad, Parth, Sharif	12.00	5/19/2022	5/19/2022	Complete			
	PMP Review	Ahad, Parth, Sharif	1.50	5/19/2022	5/19/2022	Complete			
	Create SQL Database	Ahad	0.75	5/19/2022	5/19/2022	Complete			
Submit on Github						5/13/2022	Pending		
Kafka	Create Producer	Ahad	2.25	5/19/2022	5/19/2022	Complete			
	Azure SQL ERD and scripts of four tables (population, median income, rural/urban, and SAHIE data)	Luis	4.50	5/11/2022	5/11/2022	Complete			
	Create topics in consumer databrick	Ahad	1.50	5/11/2022	5/11/2022	Complete			
	Create Consumer	Ahad	1.50	5/11/2022	5/11/2022	Complete			
	Create data factory all necessary pipelines	Ahad	0.50	5/12/2022	5/12/2022	Complete			
Machine Learning Model	Building the machine learning model	Ahad	12.00	5/13/2022	5/13/2022	Complete			
	Refining the machine learning model for higher accuracy	Ahad	2.00	5/14/2022	5/14/2022	Complete			
Dashboard	Choose Dash or Power BI for visuals	All	0.50	5/13/2022	5/21/2022	Complete			
	Create Dashboard	All	12.00	5/15/2022	5/15/2022	Pending			
	Add Data Source to Dashboard	Luis	1.00	5/15/2022	5/15/2022	Pending			
	Color Theme	All	6.00	5/15/2022	5/15/2022	Pending			
	1 barchart of uninsured by state.	Luis	4.50	5/15/2022	5/16/2022	Pending			
	1 graph on income count.	Sharif	4.50	5/15/2022	5/16/2022	Pending			
	1 horizontal barchart on urban county by uninsured.	Parth	4.50	5/15/2022	5/16/2022	Pending			
	1 heat map on state/county number of uninsured.	Luis	5.50	5/15/2022	5/16/2022	Pending			
	2 donut chart: uninsured, unemployed, insured	Sharif	4.00	5/15/2022	5/16/2022	Pending			
	1 regression visualization on likelihood of being uninsured based on indep variable	Ahad	2.00	5/15/2022	5/17/2022	Pending			
	Complete Dashboard	Sharif	3.50	5/17/2022	5/17/2022	Pending			
Submit on Github						5/17/2022	Pending		
Project Technical Report	Start Report	Marjea	5.00	5/18/2022	5/19/2022	Complete			
	Exploratory Questions	Luis	3.50	5/18/2022	5/19/2022	Complete			
	Introduction	Marjea	4.50	5/18/2022	5/19/2022	Complete			
	Research Presentation	Luis	4.50	5/18/2022	5/19/2022	Complete			
	Machine Learning	Parth	4.50	5/18/2022	5/19/2022	Complete			
	Conclusion	Luis	4.50	5/18/2022	5/19/2022	Complete			
	Review Report and Complete	All	4.50	5/18/2022	5/19/2022	Complete			

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Submit on Github					5/19/2022	Pending		
Presentation Slides	Create Google Slide	Marjea	0.38	5/20/2022	5/21/2022	Pending		
	Create Presentation	All	27.00	5/20/2022	5/21/2022	Pending		
	Presenting Plan	All	3.00	5/20/2022	5/21/2022	Pending		
Submit on Github					5/25/2022	Pending		
Presentation Dry Run	Final Review of All Work	All	12.00	5/22/2022	5/25/2022	Pending		
	Practice Presenting	All	30.00	5/22/2022	5/25/2022	Pending		