

## AI ISP Timeline

Week	Deliverables	Days	Tasks	Time (hrs)	Total (hrs)
0 July 14-20	Chosen dataset	Sunday	Find dataset to use	1	7.5
	Fairness metrics		Analyze and process dataset	2	
	Chosen model		Choose fairness metrics	2	
			Research how to compute chosen fairness metrics	2	
			Pick a model	0.5	
1 July 21-27		Monday	Check-in and implement feedback	2	15
	Initial model code	Thursday	Train model	3	
	Performance metrics	Friday	Evaluate performance	2	
	Fairness metrics		Compute fairness metrics across demographic groups	3	
	Visualizations	Saturday	Data visualization	3	
	Written explanation		Record and explain findings	2	
2 July 28-Aug 3		Monday	Check-in and implement feedback	2	11
	Modified dataset	Wednesday	Modify original dataset for more/less bias	2	
	Performance metrics	Thursday	Test performance for adjusted dataset	1	
	Fairness metrics		Test fairness for adjusted dataset	1	
	Visualizations	Friday	Data visualization for new dataset	1	
	Written explanation	Saturday	Compare results for both datasets	2	
3 Aug 4-10		Monday	Record and explain findings	2	15
	Chosen mitigation techniques	Wednesday	Check-in and implement feedback	2	
	Code for mitigation techniques	Thursday	Choose bias mitigation techniques	3	
		Friday	Implement mitigation method 1	3	
	Results of mitigation techniques	Saturday	Implement mitigation method 2	3	
			Test performance for mitigation methods on both datasets	2	
4 Aug 11-15		Monday	Test fairness for mitigation methods on both datasets	2	11
	Visualizations	Tuesday	Check-in and implement feedback	2	
	Written explanation	Wednesday	Compare mitigation techniques to initial model for both datasets	4	
			Record and explain findings	2	
	Finalized notebook & report	Thursday	Write summary and conclusion	2	
			Polish notebook sections	1	
			Submit Jupyter notebook	0	59.5