

# GANNT CHART

PROJECT TITLE	Out of Stock Product Recommendation System			
TASK TITLE	TASK OWNER	START DATE	DUUE DATE	DURATION
<b>Project Proposal</b>				
Introduction & Background	All	14/09/25	04/10/25	20
Problem Definition	Arihanth & Nirmal	14/09/25	04/10/25	20
Methods	Arihanth	21/09/25	04/10/25	13
Potential Results & Discussion	All	21/09/25	04/10/25	13
Video Recording	Riya & Malhar	30/09/25	07/10/25	7
GitHub Page	Nirmal	30/09/25	07/10/25	7
<b>Model 1- GMM</b>				
Data Sourcing & Cleaning	Riya	07/10/25	15/10/25	8
Model Selection	Arihanth & Malhar	15/10/25	18/10/25	3
Data Pre-Processing	Nirmal	18/10/25	25/10/25	7
Model Coding	Arihanth	25/10/25	08/11/25	13
Results Evaluation & Analysis	All	08/11/25	16/11/25	8
Midterm Report	All	08/11/25	16/11/25	8
<b>Model 2- Bayesian GMM</b>				
Data Sourcing & Cleaning	Malhar	18/10/25	22/10/25	4
Model Selection	Riya	22/10/25	25/10/25	3
Data Pre-Processing	Nirmal	25/10/25	29/10/25	4
Model Coding	Arihanth	25/10/25	19/11/25	24
Results Evaluation & Analysis	All	19/11/25	24/11/25	5
<b>Model 3- XGBoost</b>				
Data Sourcing & Cleaning	Malhar	18/10/25	22/10/25	4
Model Selection	Riya	22/10/25	25/10/25	3
Data Pre-Processing	Arihanth	25/10/25	29/10/25	4
Model Coding	Nirmal	25/10/25	19/11/25	24
Simulation & Analysis	All	19/11/25	24/11/25	5
<b>Evaluation</b>				
Model Comparisons	Arihanth	29/11/25	07/12/25	8
Presentation	All	29/11/25	06/12/25	7
Recording	All	06/12/25	07/12/25	1
Final Report	All	29/11/25	07/12/25	8

The figure shows a 4x7 grid representing a four-week period. The columns are labeled as follows:

- Sep 14:** M T W R F S U
- Sep 21:** M T W R F S U
- Sep 28:** M T W R F S U
- Oct 5:** M T W R F S

The grid is color-coded:

- Blue:** Sep 14 through Sep 21.
- Orange:** Sep 21 through Sep 28, and Oct 5 through Oct 6.
- Grey:** Sep 28 through Oct 5.



## PHASE THREE

Nov 9

Nov 16

Nov 23

5

U

10

1

T

W

R

F

6

1

7

M

T

W

R

1

1

5

U

M

T

V

1

1

2

5

U

# GANNT CHART

PROJECT TITLE				NHL Playoff Predictor						
TASK TITLE	START DATE	DUE DATE	DURATION	PHASE ONE		PHASE TWO				
				####	Oct 4	####	####	####	Nov 1	Nov 2
Project Proposal	27/09/21	07/10/21	10							
Model 1	07/10/21	16/11/21	39							
Model 2	18/10/21	24/11/21	36							
Model 3	18/10/21	24/11/21	36							
Evaluation	24/11/21	07/12/21	13							

