CSP 571 - Data Preparation and Analysis

Project - Plan & Detail

“Exploratory Data Analysis on Trending YouTube Videos”

Group members

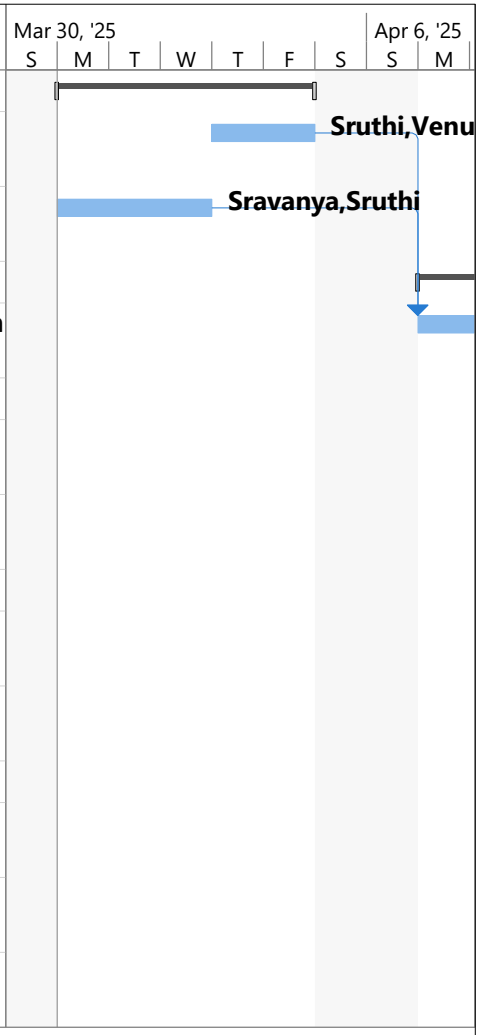
Venugopal Katragadda(A20544776)

Sannihitha Gudimalla (A20560248)

Sruthi Kondapalli (A20554780)

Bezawada Sai Sravanya (A20561552)

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		**Data Collection**	**5 days**	**Mon 3/31/25**	**Fri 4/4/25**		
2		Collect kaggle dataset	2 days	Thu 4/3/25	Fri 4/4/25		Sruthi,Venu Gopal
3		Scrape Recent Data	3 days	Mon 3/31/25	Wed 4/2/25		Sravanya,Sruthi
4		**Data Preparation**	**4 days**	**Mon 4/7/25**	**Thu 4/10/25**		
5		Merge& Clean dataset	4 days	Mon 4/7/25	Thu 4/10/25	3,2	Sannihitha,Sravan
6		**Sentiment Analysis**	**6 days**	**Fri 4/11/25**	**Fri 4/18/25**		
7		Preprocess Text Data	2 days	Fri 4/11/25	Wed 4/16/25	5	Sruthi
8		Apply sentiment Tools	2 days	Thu 4/17/25	Fri 4/18/25	7	Sannihitha
9		**EDA & Clustering**	**9 days**	**Fri 4/11/25**	**Wed 4/23/25**		
10		EDA (Metric Analysis)	4 days	Fri 4/11/25	Wed 4/16/25	5	Venu Gopal
11		Feature Engineering	2 days	Thu 4/17/25	Fri 4/18/25	10	Sruthi
12		Apply Clustering	3 days	Mon 4/21/25	Wed 4/23/25	11	Sravanya
13		**Visualization & Dashboard**	**3 days**	**Thu 4/24/25**	**Mon 4/28/25**		
14		Build Graphs & Charts	3 days	Thu 4/24/25	Mon 4/28/25	8,12	Sannihitha,Venu Gopal
15		**Final Report and Review**	**6 days**	**Tue 4/29/25**	**Tue 5/6/25**		



Project: dpa
Date: Sun 3/30/25

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

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16		Write Report	3 days	Tue 4/29/25	Thu 5/1/25	14	Sannihitha,Sravan
17		Peer Review & edits	2 days	Fri 5/2/25	Mon 5/5/25	16	Sannihitha,Sravan Gopal
18		Final presentation & prep	1 day	Tue 5/6/25	Tue 5/6/25	17	Sannihitha,Sravan Gopal

Mar 30, '25 | Apr 6, '25
S M T W T F S S M

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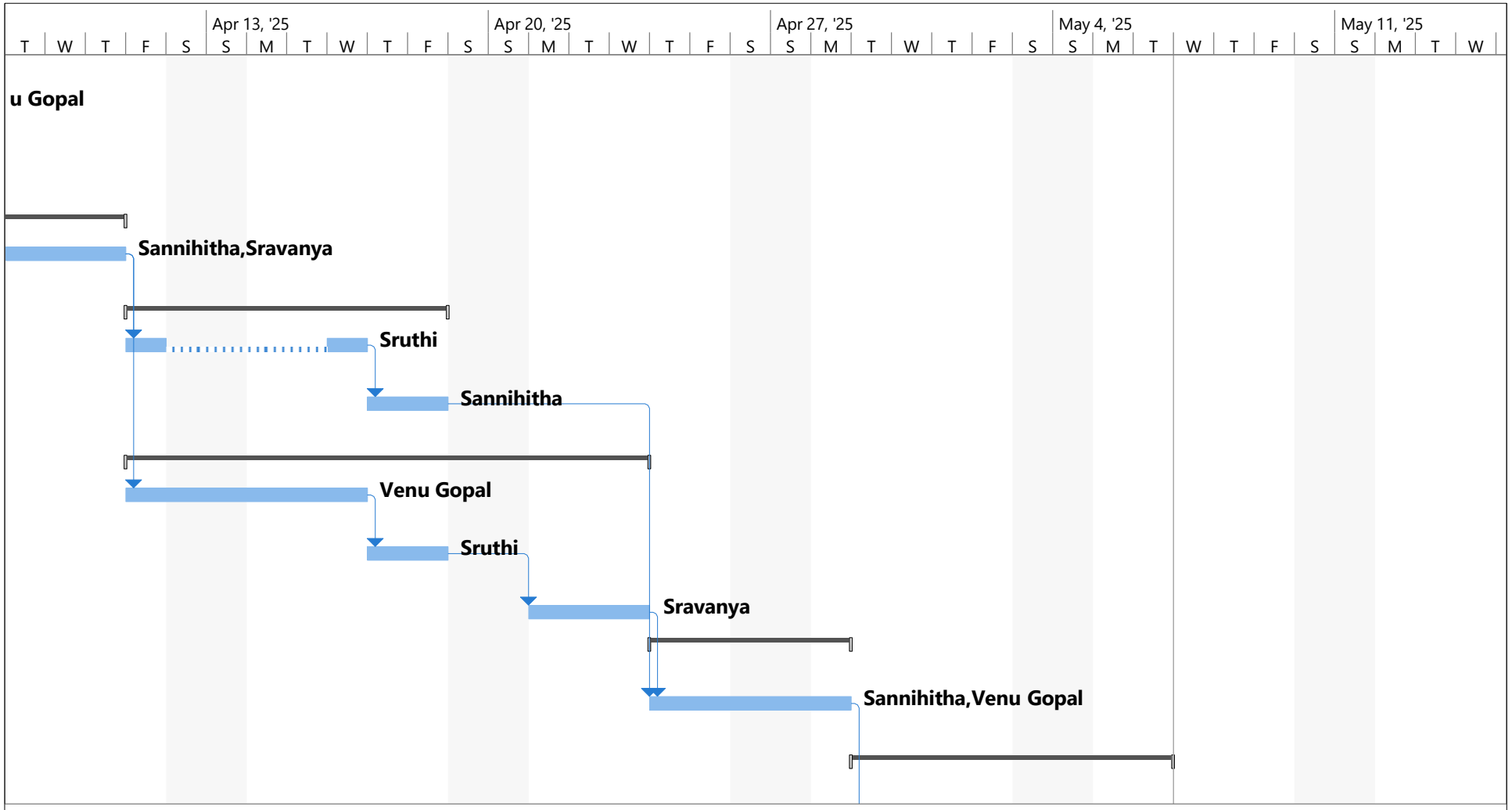

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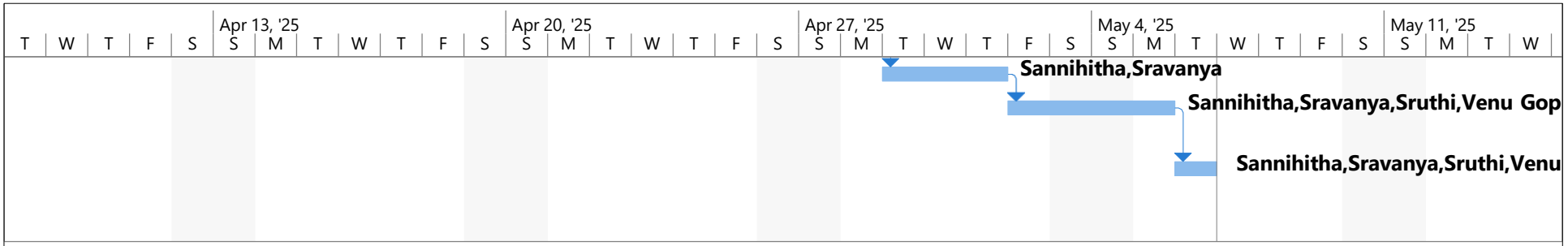

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