

Experiment 08

Aim:

To Study Project Scheduling Using Gantt chart in ClickUp.

Theory:**Project Scheduling-**

A project schedule is a timeline that outlines the tasks, milestones, deadlines, and resources required for completing a project. It helps project managers organise and plan the sequence of activities, allocate resources efficiently, set realistic timelines, and monitor progress. Having a clear project schedule is crucial for a project manager as it ensures tasks are completed on time, helps in managing resources effectively, allows for better coordination among team members, and assists in identifying potential issues or delays, enabling timely adjustments to keep the project on track.

Gantt chart-

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity.

About the topic-

It is a Logistic regression Model designed on Agricultural decision making based on soil characteristics and various other environmental factors. Our dataset Encompasses of essential parameters such as soil composition (Nitrogen, potassium and phosphorus contents of the soil as well as the pH level of the soil) and location specific variables such as temperature, humidity and rainfall. Our model leverages these inputs and aims to predict the most suitable crop for a given soil and environmental conditions.

Output:

The screenshot displays the ClickUp onboarding interface within a web browser. The browser's address bar shows the URL `app.clickup.com/team-setup/new`. The page features a sidebar with navigation options like 'Home', 'My Workspace', 'My Projects', 'My Tasks', 'My Lists', 'My Calendars', 'My Integrations', 'My Settings', and 'My Account'. The main content area is a white modal with the ClickUp logo and a welcome message: 'Welcome, Ashish Gupta!'. The first step asks 'What would you like to use ClickUp for?' with three buttons: 'Work', 'Personal', and 'School'. The second step asks 'Lastly, what would you like to name your Workspace?' with a text input field containing 'Ashish Gupta's Workspace' and a 'Finish' button. A progress bar at the bottom indicates the current step. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system clock in the bottom right corner displays '11:14' and '12-03-2023'.

ClickUp Welcome, Ashish Gupta!

What would you like to use ClickUp for?

Work Personal School

ClickUp

Lastly, what would you like to name your Workspace?

Ashish Gupta's Workspace

Try the name of your company or organization.

By completing this form, you agree to our [Terms of Service](#) and [Privacy Policy](#).

< Back Finish

<https://clickup.com/terms/privacy>

The image displays three screenshots of the ClickUp workspace interface, showing different views and settings.

Top Screenshot: Overview View

- Left Sidebar:** Home, Inbox, Chat, Dashboards, More. Favorites: Spaces (Everything, Space), Create a Folder, List or Doc, View all Spaces, Create Space.
- Top Bar:** Search, New, Upgrade, Automate, Ask AI, Share, Chat.
- Overview View:** Get the most out of your Overview. Add, reorder, and resize cards to customize this page. [Get Started](#)
- Filters:** Hide, Protect view, Refreshed just now, Auto refresh On.
- Recent:** Your recent opened items will show here.
- Docs:** You haven't added any Docs to this location.
- Bookmarks:** Bookmarks are the easiest way to save ClickUp items or URLs from anywhere on the web. [Add Bookmark](#)
- Endorse:** Getting started (0% complete).
 - Understand the ClickUp Hierarchy
 - Manage your work with tasks
 - Customize your views
 - Rate with your team via Inbox
- Bottom Bar:** Invite, Help, Notion, Chat, Profile.

Middle Screenshot: Board View

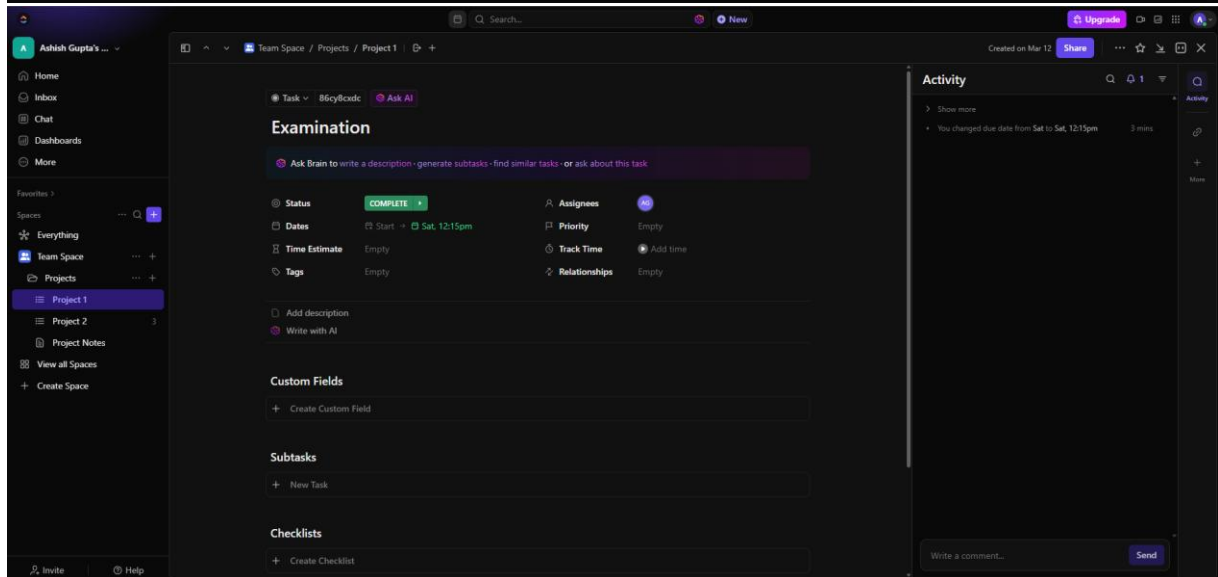
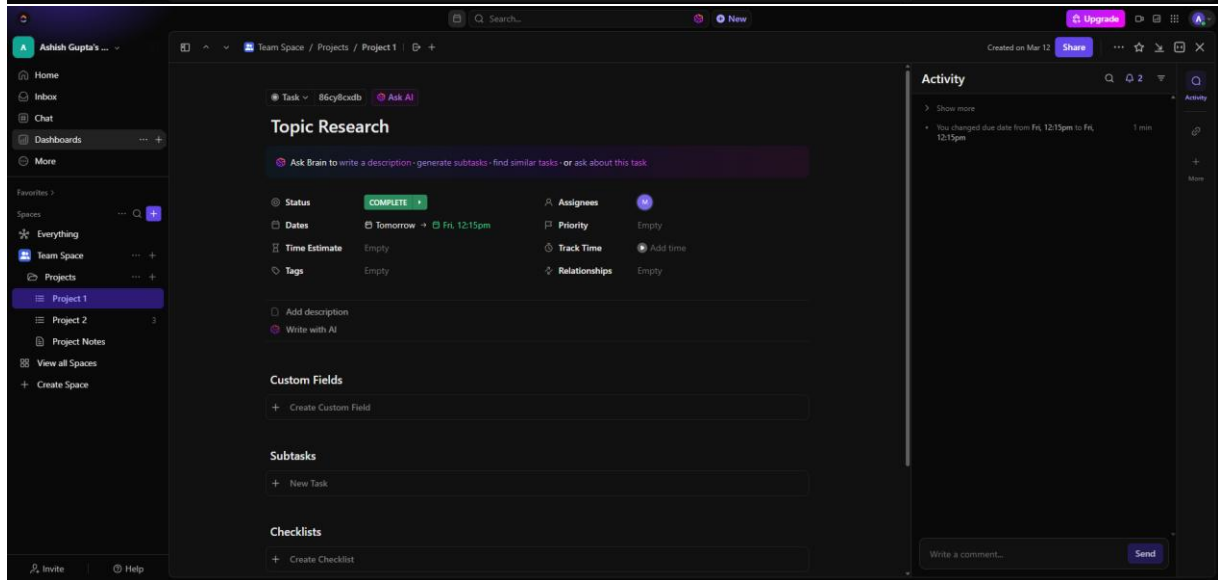
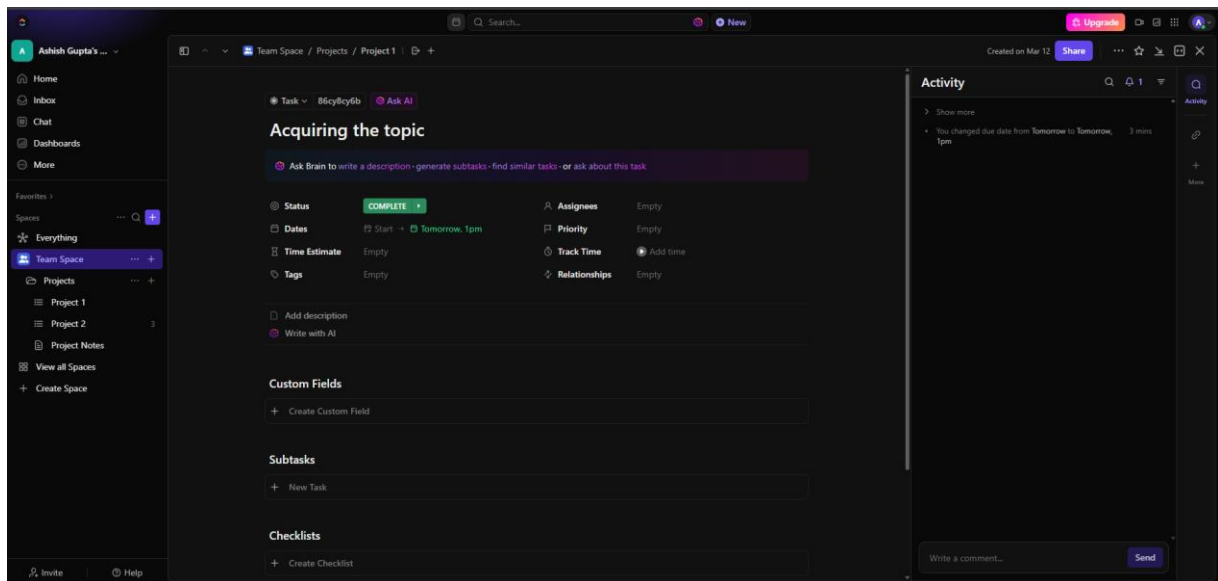
- Left Sidebar:** Same as top screenshot.
- Top Bar:** Search, Hide, Customize, Add Task.
- Board View:** Team Space / Projects / Project 1. Board, List, Calendar, Gantt, Table, + View. Group: Status, Subtasks, Columns. Filter, Me mode, Assignee, Closed, Search.
- COMPLETED:** 6 tasks.

Name	Assignee	Due date	Priority	Status	Comments
Acquiring the topic	Ar	Tomorrow...	P	COMPLETED	
Topic Research	M	Fri, 12:15pm	P	COMPLETED	
Examination	Ar	Sat, 12:15pm	P	COMPLETED	
Model Implementation	Ar	Sun, 2:45pm	P	COMPLETED	
Deploying Logistic Regression Model	M	Mar 19, 1...	P	COMPLETED	
Final Touchup	M	Mon	P	COMPLETED	
- TO DO:** 0 tasks.
- Bottom Bar:** Invite, Help, Notion, Chat, Profile.

Bottom Screenshot: List View

- Left Sidebar:** Same as top screenshot.
- Top Bar:** Search, Hide, Customize, Add Task.
- List View:** Team Space / Projects / Project 1. Overview, Board, List, Calendar, Gantt, Table, + View. Group: Status, Subtasks, Columns. Filter, Me mode, Assignee, Closed, Search.
- COMPLETED:** 6 tasks.

Name	Assignee	Due date	Priority
Acquiring the topic	Ar	Tomorrow, 1pm	P
Topic Research	M	Fri, 12:15pm	P
Examination	Ar	Sat, 12:15pm	P
Model Implementation	Ar	Sun, 2:45pm	P
Deploying Logistic Regression Model	M	Mar 19, 1:45pm	P
Final Touchup	M	Mon	P
- TO DO:** 0 tasks.
- Bottom Bar:** Invite, Help, Notion, Chat, Profile.



The image displays three sequential screenshots of a task management application interface, showing different tasks within a project.

Top Screenshot: Model Implementation

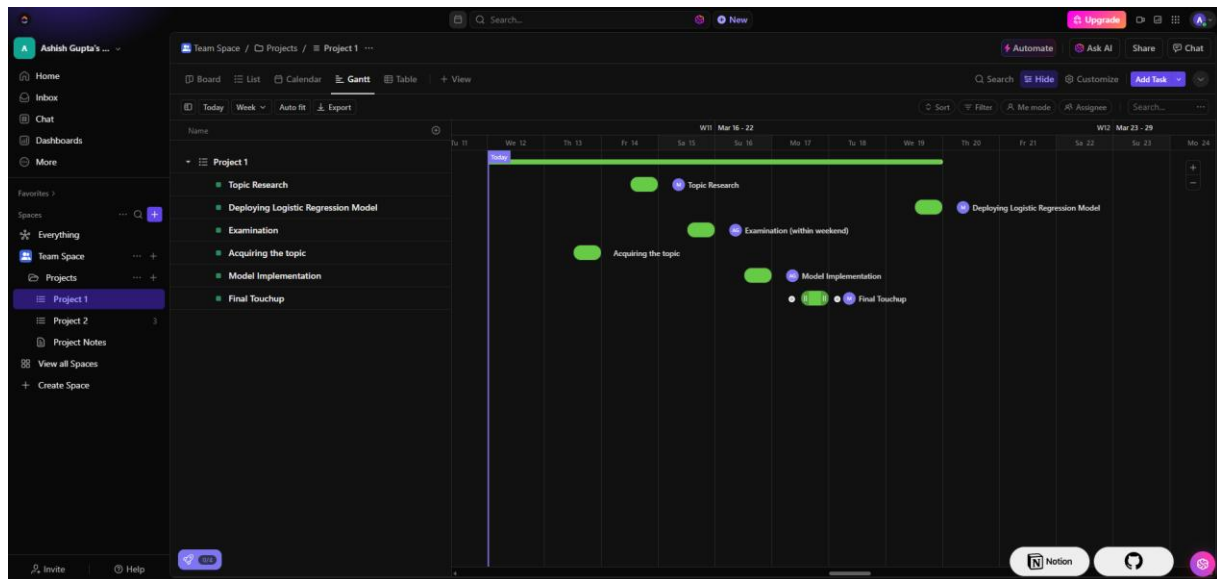
- Task ID:** 86cy8czd2
- Status:** COMPLETE
- Dates:** Sun → Sun, 2:45pm
- Time Estimate:** Empty
- Tags:** Empty
- Assignees:** Empty
- Priority:** Empty
- Track Time:** Add time
- Relationships:** Empty
- Custom Fields:** Create Custom Field
- Subtasks:** New Task
- Checklists:** Create Checklist
- Activity:** You changed due date from Sun, 2:45pm to Sun, 2:45pm (2 mins)

Middle Screenshot: Final Touchup

- Task ID:** 86cy8czew
- Status:** COMPLETE
- Dates:** Start → Mon
- Time Estimate:** Empty
- Tags:** Empty
- Assignees:** Empty
- Priority:** Empty
- Track Time:** Add time
- Relationships:** Empty
- Custom Fields:** Create Custom Field
- Subtasks:** New Task
- Checklists:** Create Checklist
- Activity:** You changed due date from Apr 3 to Mon (4 mins)

Bottom Screenshot: Deploying Logistic Regression Model

- Task ID:** 86cy8czda
- Status:** COMPLETE
- Dates:** Start → Mar 19, 1:45pm
- Time Estimate:** Empty
- Tags:** Empty
- Assignees:** Empty
- Priority:** Empty
- Track Time:** Add time
- Relationships:** Empty
- Custom Fields:** Create Custom Field
- Subtasks:** New Task
- Checklists:** Create Checklist
- Activity:** You changed due date from Mar 19 to Mar 19, 1:45pm (4 mins)



Conclusion:

This project delved into the application of polynomial regression in financial data analysis, comparing implementations from scratch using Python libraries with those utilizing PyTorch. Through data preprocessing, model implementation, training, and evaluation, we examined the performance of each approach. While both methods proved effective, PyTorch demonstrated advantages in computational efficiency and scalability. This project underscores the importance of selecting appropriate tools and frameworks based on the task's requirements, offering insights into the practical utility of polynomial regression in financial modeling.