

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.

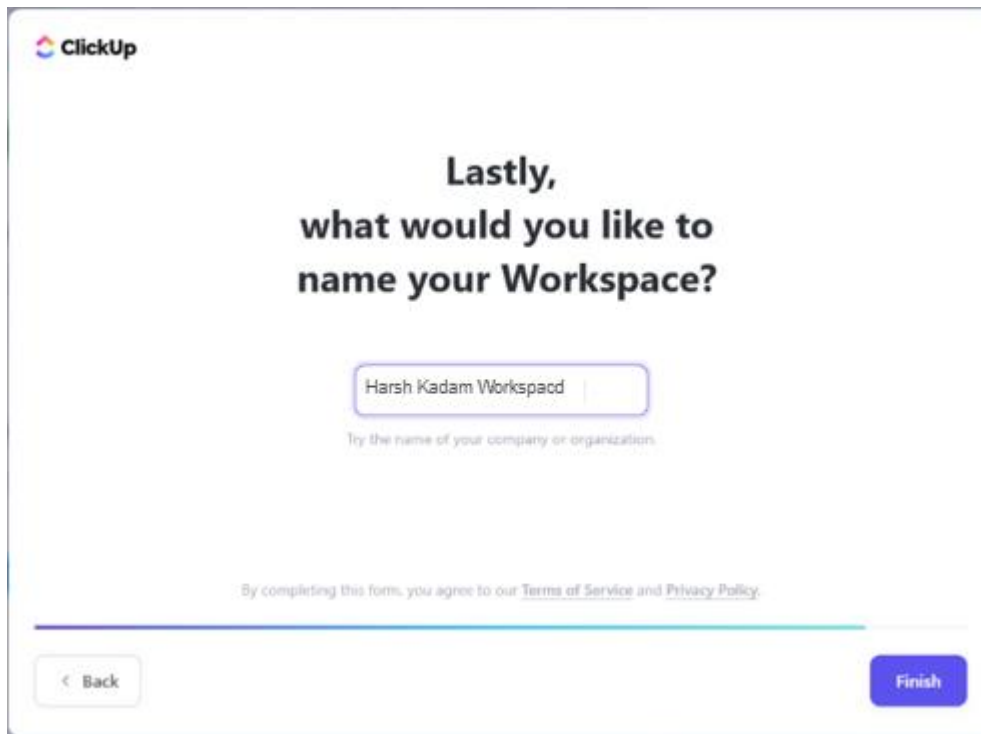
Gantt chart-

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 predicts the most suitable crop for a given soil and environmental conditions.

Output:



ClickUp

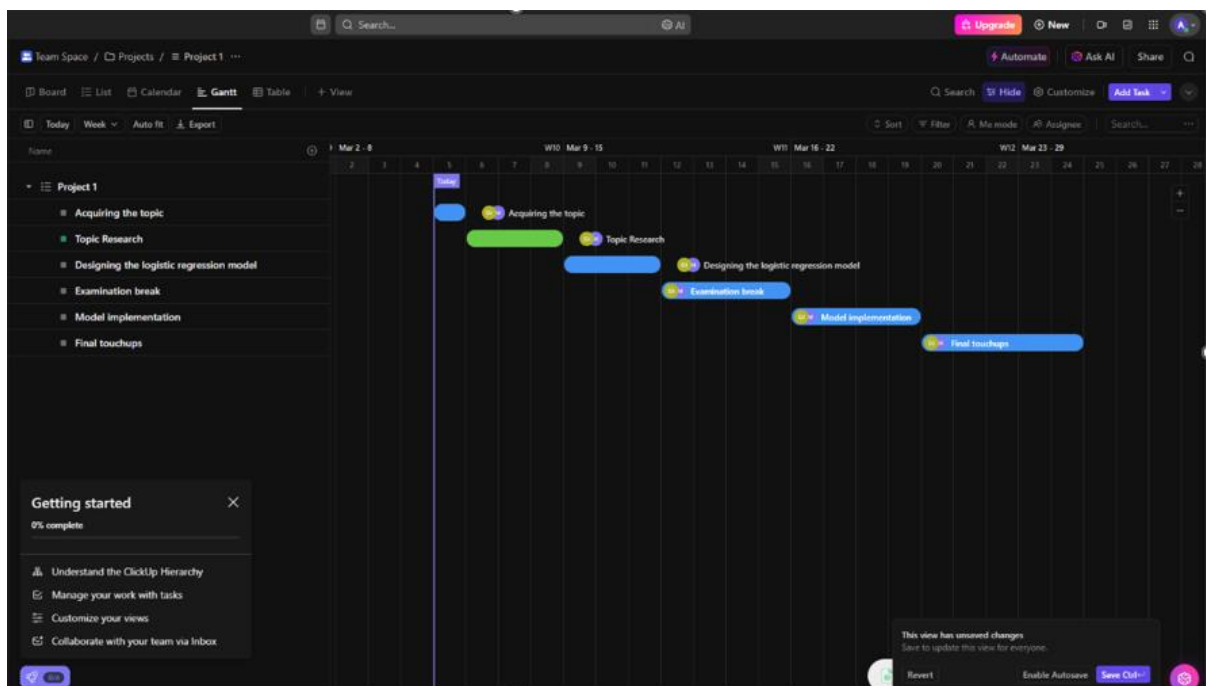
Lastly, what would you like to name your Workspace?

Harsh Kadam Workspacd

Try the name of your company or organization.

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

[Back](#) [Finish](#)



This screenshot shows a task management interface with a sidebar on the left containing navigation options like Home, Inbox, Dashboards, and More. The main content area displays a task titled "Acquiring the topic" with ID 86cy657mf. The task status is "COMPLETE". Below the title, there are sections for "Status", "Dates", "Time Estimate", "Tags", "Assignees", "Priority", "Track Time", and "Relationships". The "Status" section shows "COMPLETE" with a dropdown arrow. The "Dates" section shows "Today" with a dropdown arrow. The "Time Estimate" section shows "Empty". The "Tags" section shows "Empty". The "Assignees" section shows two avatars. The "Priority" section shows "Empty". The "Track Time" section shows "Add time". The "Relationships" section shows "Empty". Below these sections, there are fields for "Add description", "Write with AI", "Custom Fields", "Subtasks", and "Checklists". The "Activity" panel on the right shows a log of changes, including "Dhanisha Jeyaram changed status from In Progress to Complete" 6 mins ago. The bottom of the interface has a footer with "Invite", "Help", and "Add Task" buttons, along with icons for "Spreadsheet", "Google Drive", and "Notion".

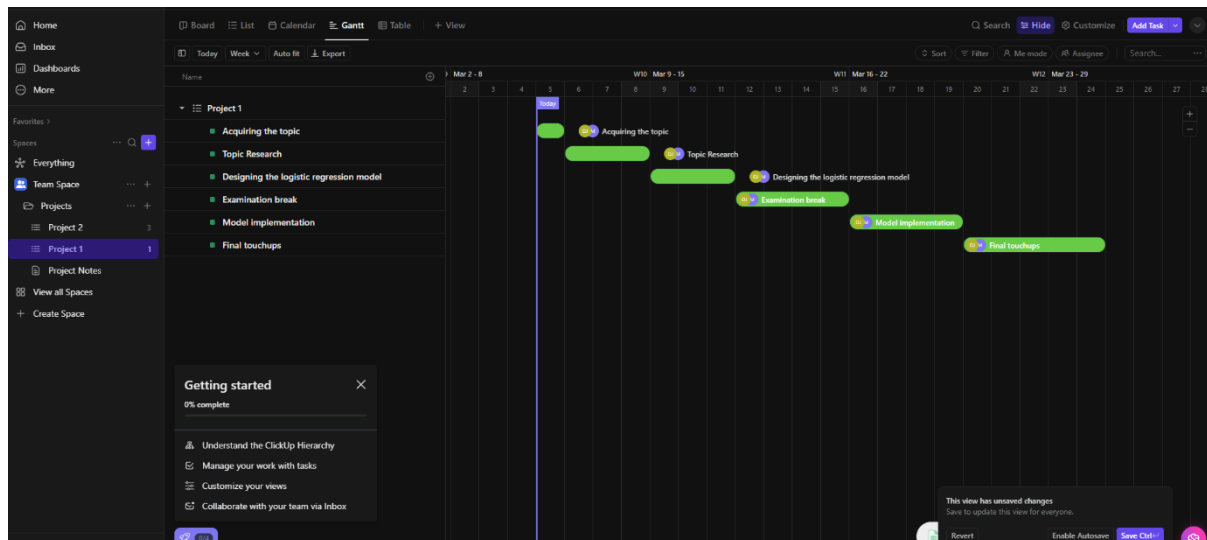
This screenshot shows a task management interface with a sidebar on the left containing navigation options like Home, Inbox, Dashboards, and More. The main content area displays a task titled "Topic Research" with ID 86cy65907. The task status is "COMPLETE". Below the title, there are sections for "Status", "Dates", "Time Estimate", "Tags", "Assignees", "Priority", "Track Time", and "Relationships". The "Status" section shows "COMPLETE" with a dropdown arrow. The "Dates" section shows "Tomorrow" with a dropdown arrow. The "Time Estimate" section shows "Empty". The "Tags" section shows "Empty". The "Assignees" section shows two avatars. The "Priority" section shows "Empty". The "Track Time" section shows "Add time". The "Relationships" section shows "Empty". Below these sections, there are fields for "Add description", "Write with AI", "Custom Fields", "Subtasks", and "Checklists". The "Activity" panel on the right shows a log of changes, including "You changed due date from Fri to Sat" 5 mins ago. The bottom of the interface has a footer with "Invite", "Help", and "Add Task" buttons, along with icons for "Spreadsheet", "Google Drive", and "Notion".

This screenshot shows a task management interface with a sidebar on the left containing navigation options like Home, Inbox, Dashboards, and More. The main content area displays a task titled "Designing the logistic regression model" with ID 86cy6597p. The task status is "COMPLETE". Below the title, there are sections for "Status", "Dates", "Time Estimate", "Tags", "Assignees", "Priority", "Track Time", and "Relationships". The "Status" section shows "COMPLETE" with a dropdown arrow. The "Dates" section shows "Sun" with a dropdown arrow. The "Time Estimate" section shows "Empty". The "Tags" section shows "Empty". The "Assignees" section shows two avatars. The "Priority" section shows "Empty". The "Track Time" section shows "Add time". The "Relationships" section shows "Empty". Below these sections, there are fields for "Add description", "Write with AI", "Custom Fields", "Subtasks", and "Checklists". The "Activity" panel on the right shows a log of changes, including "Dhanisha Jeyaram changed status from To Do to Complete" 4 mins ago. The bottom of the interface has a footer with "Invite", "Help", and "Add Task" buttons, along with icons for "Spreadsheet", "Google Drive", and "Notion".

This screenshot shows a Notion task card titled "Examination break" with ID 86cy659xm. The card is marked as "COMPLETE" and has a due date of March 12 to March 15. It includes fields for Assignees, Priority, Track Time, and Relationships. The main content area has sections for "Add description", "Custom Fields", "Subtasks", and "Checklists". An "Ask AI" button is visible at the top. The right sidebar shows an "Activity" feed with a log of status changes from "To Do" to "Complete".

This screenshot shows a Notion task card titled "Model implementation" with ID 86cy65aar. The card is marked as "COMPLETE" and has a due date of March 16 to March 19. It includes fields for Assignees, Priority, Track Time, and Relationships. The main content area has sections for "Add description", "Custom Fields", "Subtasks", and "Checklists". An "Ask AI" button is visible at the top. The right sidebar shows an "Activity" feed with a log of status changes from "To Do" to "Complete".

This screenshot shows a Notion task card titled "Final touchups" with ID 86cy65aga. The card is marked as "COMPLETE" and has a due date of March 20 to March 24. It includes fields for Assignees, Priority, Track Time, and Relationships. The main content area has sections for "Add description", "Custom Fields", "Subtasks", and "Checklists". An "Ask AI" button is visible at the top. The right sidebar shows an "Activity" feed with a log of status changes from "To Do" to "Complete".



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.