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**Batch** – T12

**Roll No.** – 26

## **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.

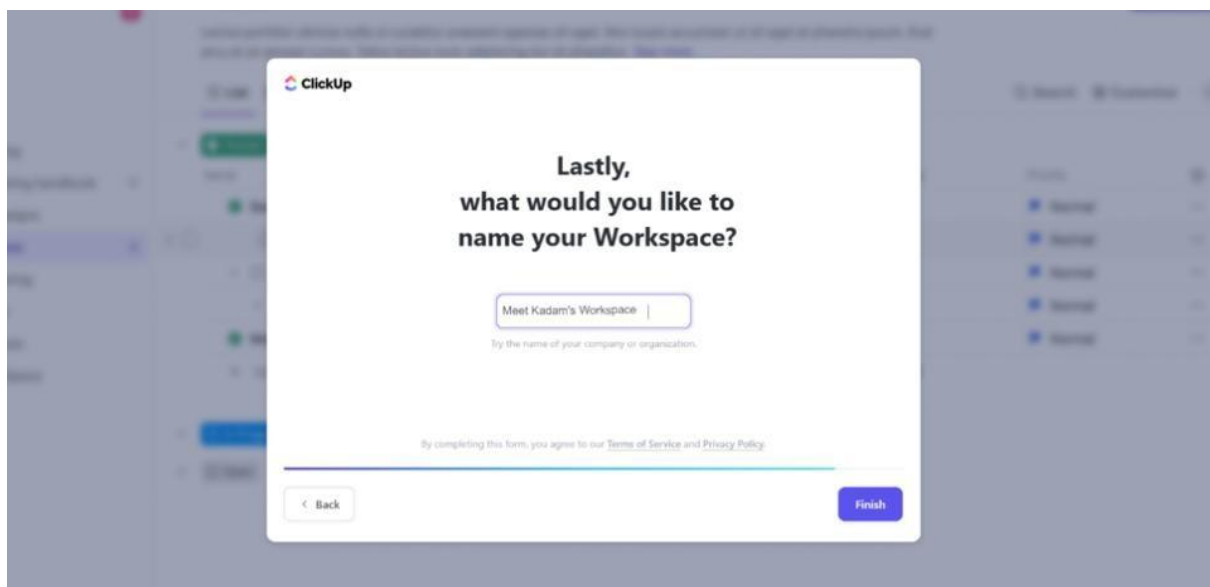
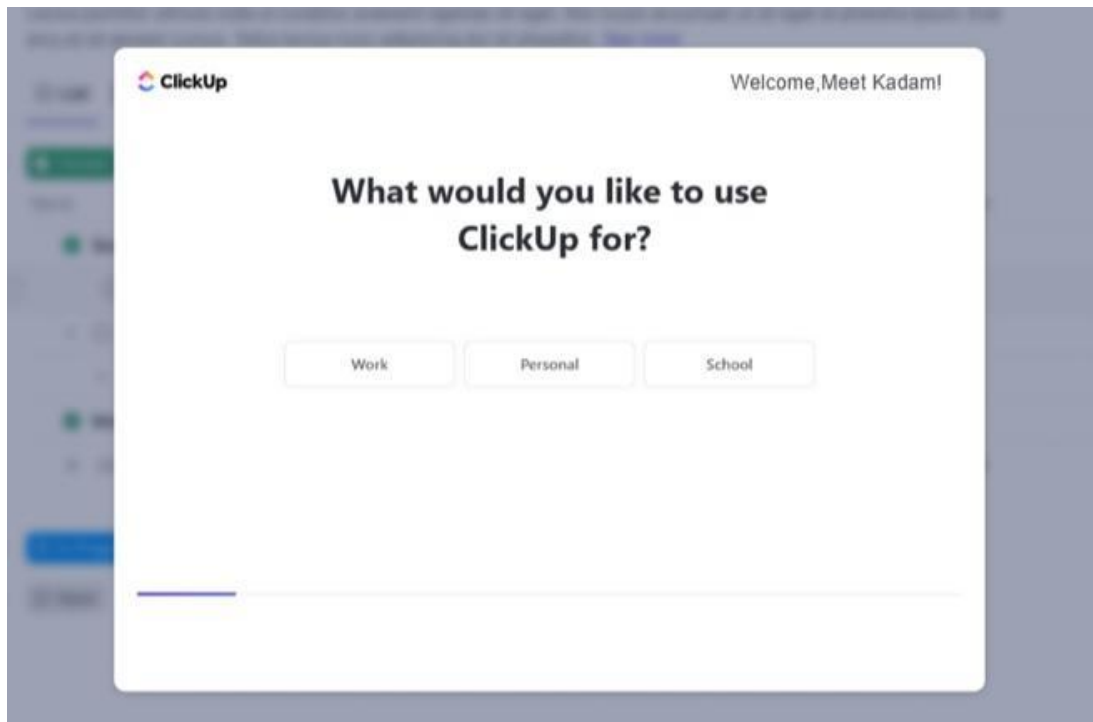
Gantt chart-

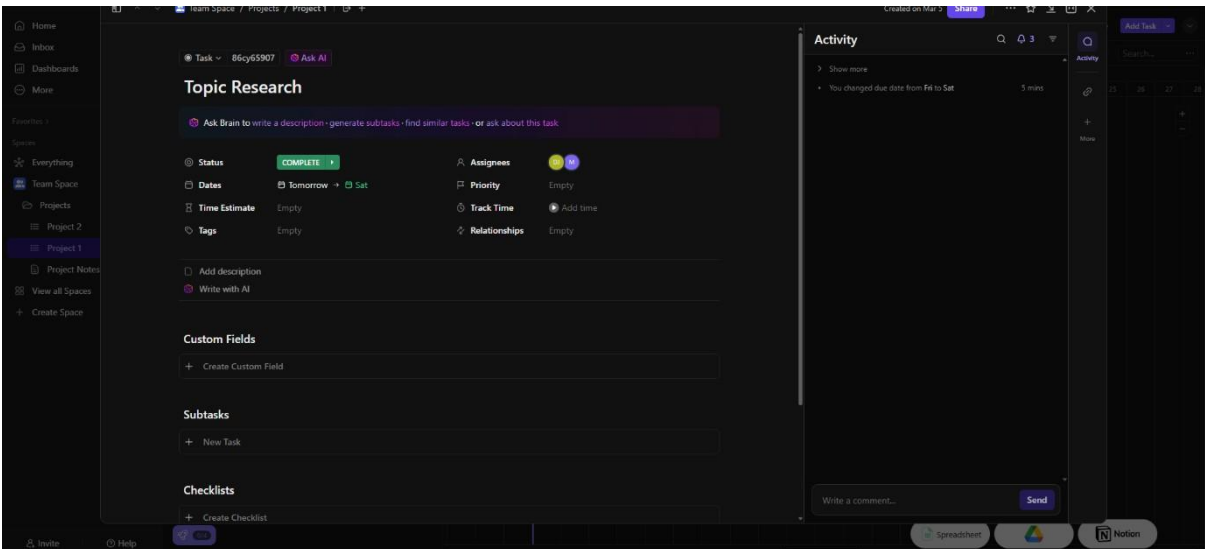
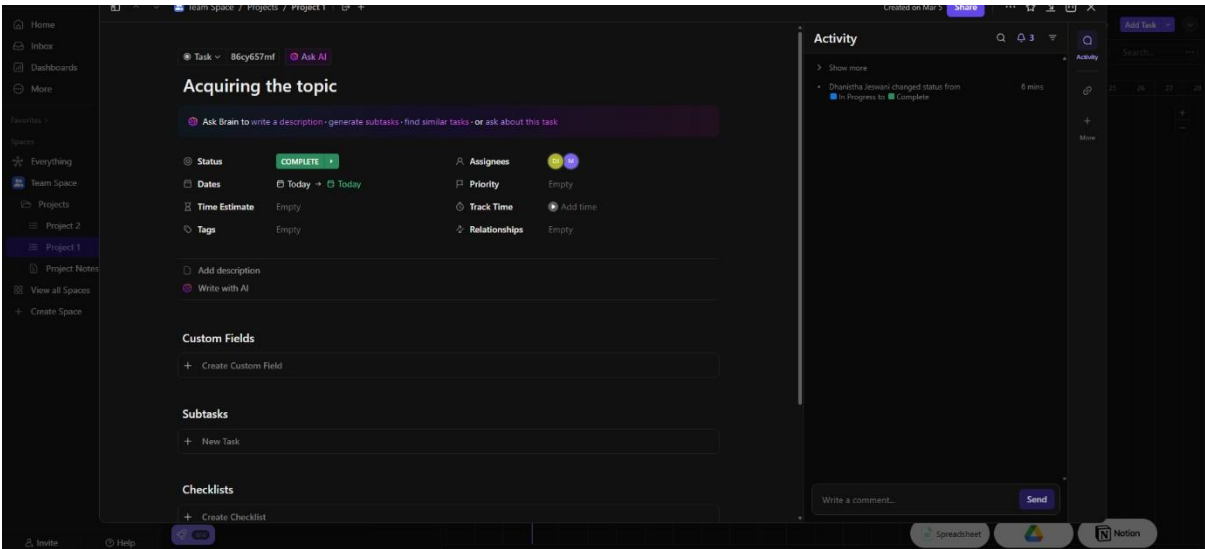
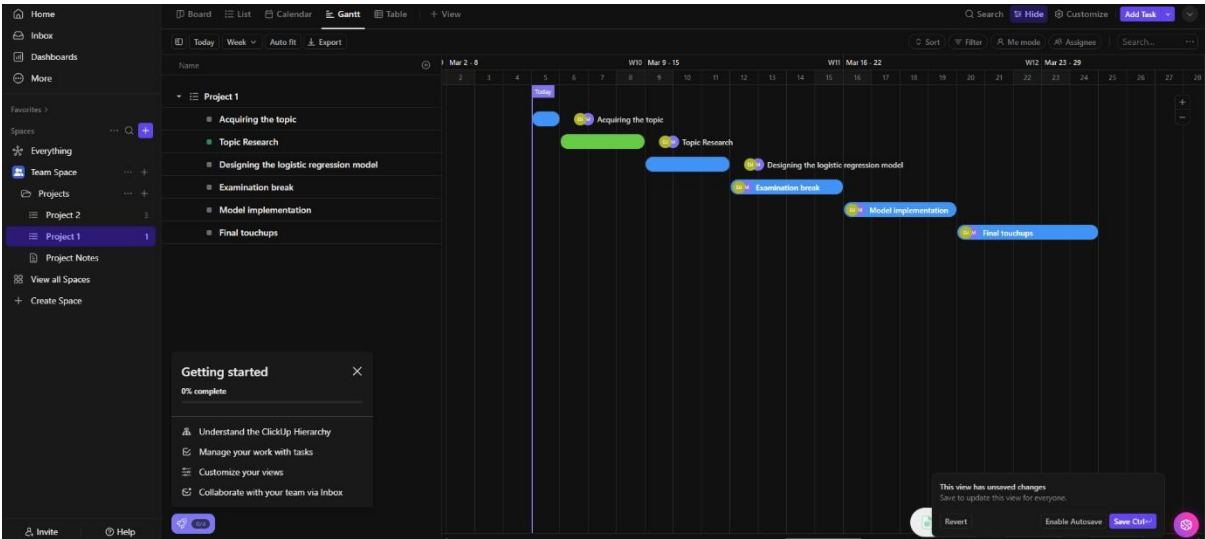
A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position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





Home

Inbox

Dashboards

More

Favorites

Spaces

Everything

Team Space

Projects

Project 2

Project 1

Project Notes

View all Spaces

Create Space

Task

B6cy6597p

Ask AI

Designing the logistic regression model

Ask Brain to write a description - generate subtasks - find similar tasks - or ask about this task

Status

COMPLETE

Dates

Sun → Tue

Time Estimate

Empty

Tags

Empty

Assignees

Priority

Empty

Track Time

Add time

Relationships

Empty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

Show more

Dhanishtha Iyerani changed status from To Do to Complete 4 mins

Write a comment...

Send

Spreadsheet

Google Drive

Notion

Home

Inbox

Dashboards

More

Favorites

Spaces

Everything

Team Space

Projects

Project 2

Project 1

Project Notes

View all Spaces

Create Space

Task

B6cy659xm

Ask AI

Examination break

Ask Brain to write a description - generate subtasks - find similar tasks - or ask about this task

Status

COMPLETE

Dates

Mar 12 → Mar 15

Time Estimate

Empty

Tags

Empty

Assignees

Priority

Empty

Track Time

Add time

Relationships

Empty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

Show more

Dhanishtha Iyerani changed status from To Do to Complete 3 mins

Write a comment...

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Google Drive

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More

Favorites

Spaces

Everything

Team Space

Projects

Project 2

Project 1

Project Notes

View all Spaces

Create Space

Task

B6cy65Saar

Ask AI

Model implementation

Ask Brain to write a description - generate subtasks - find similar tasks - or ask about this task

Status

COMPLETE

Dates

Mar 16 → Mar 19

Time Estimate

Empty

Tags

Empty

Assignees

Priority

Empty

Track Time

Add time

Relationships

Empty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

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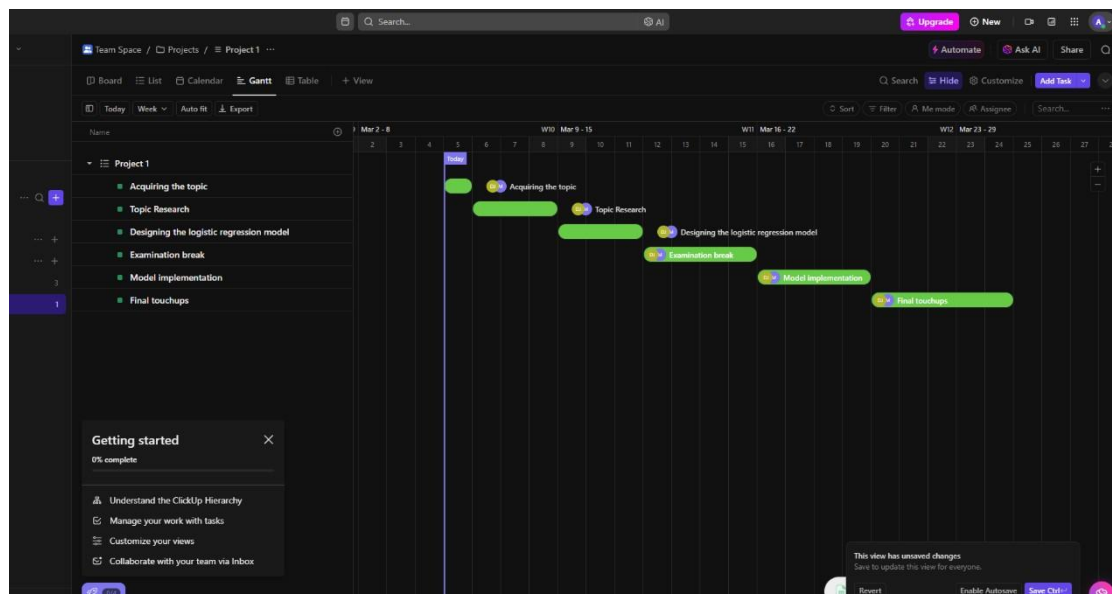
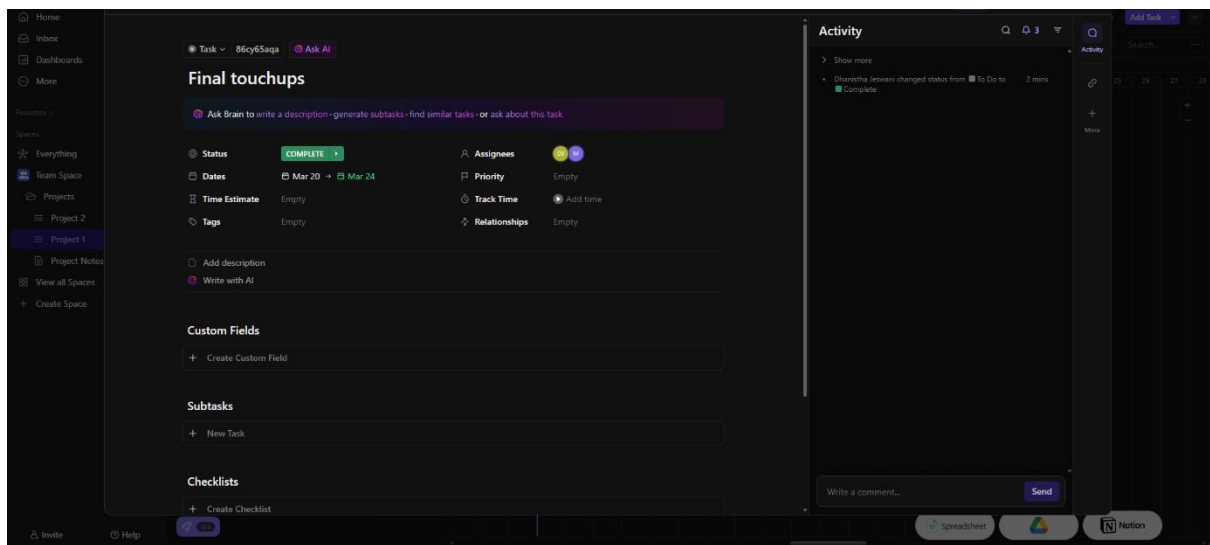
Write a comment...

Send

Spreadsheet

Google Drive

Notion



## 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.