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Batch : T13

Roll No: 66

EXPERIMENT NO : 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:

Team Space / Projects / Project 1

Automate Ask AI Share

Board List Calendar Gantt Table + View

Search Hide Customize Add Task

Group: Status Subtasks Columns Filter Me mode Assignee Closed Search...

TO DO 3 + Add Task

Name	Assignee	Due date	Priority	Status	Comments	
Task 1	R+			TO DO	Q	...
Task 2	R+			TO DO	Q	...
Task 3	R+			TO DO	Q	...

+ Add Task

+ New status

Home Inbox Dashboards More

Spaces

Everything Team Space Projects Project 2 Project 1 Project Notes View all Spaces Create Space

Board List Calendar Gantt Table + View

Today Week Auto fit Export Sort Filter Me mode Assignee Search...

Project 1

- Acquiring the topic
- Topic Research
- Designing the logistic regression model
- Examination break
- Model Implementation
- Final touchups

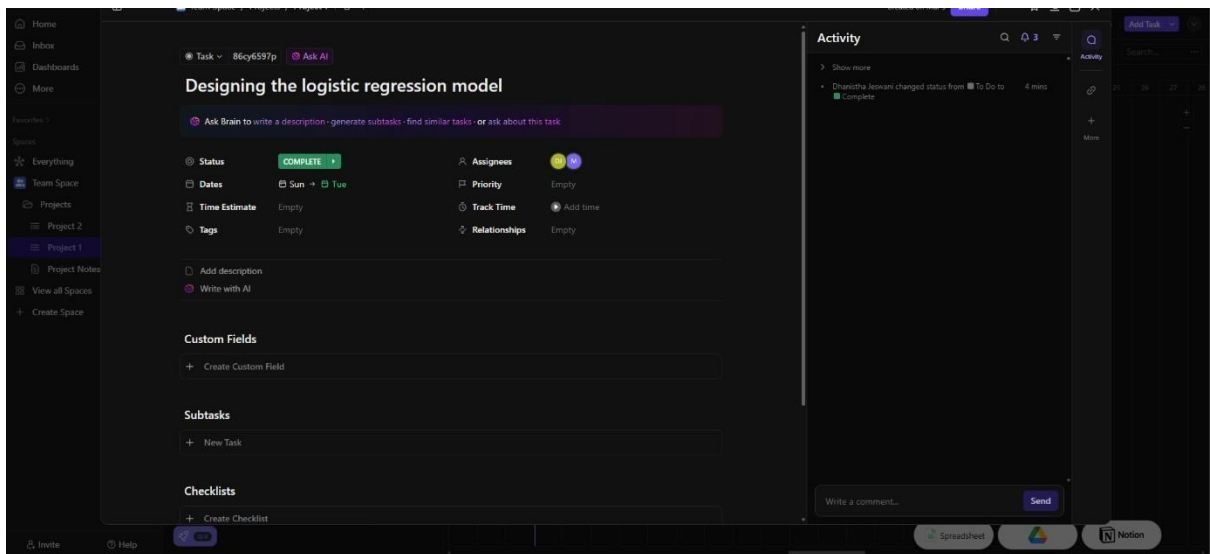
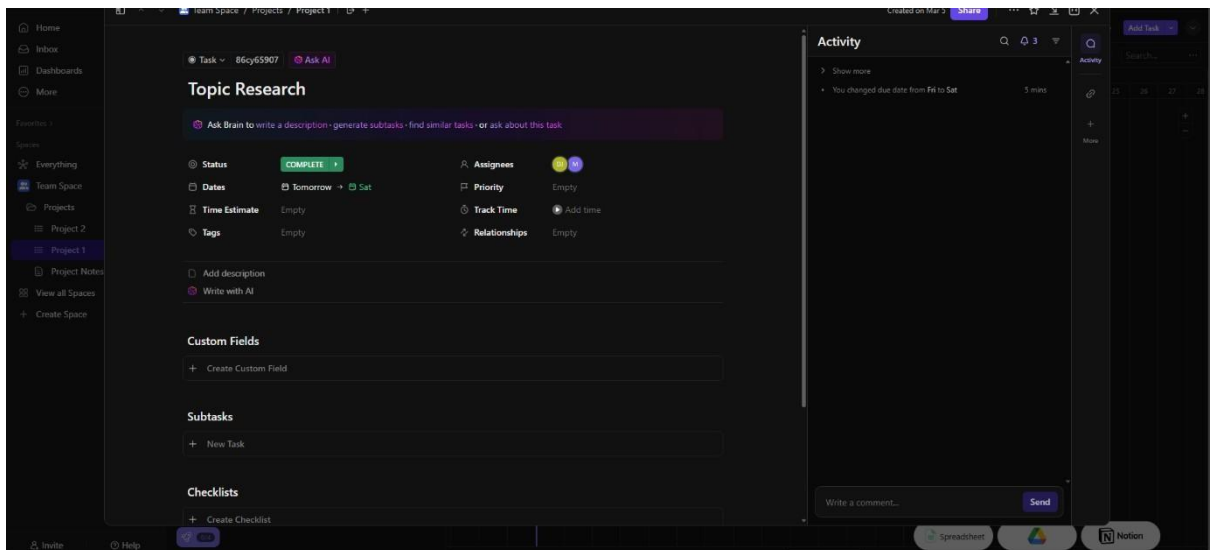
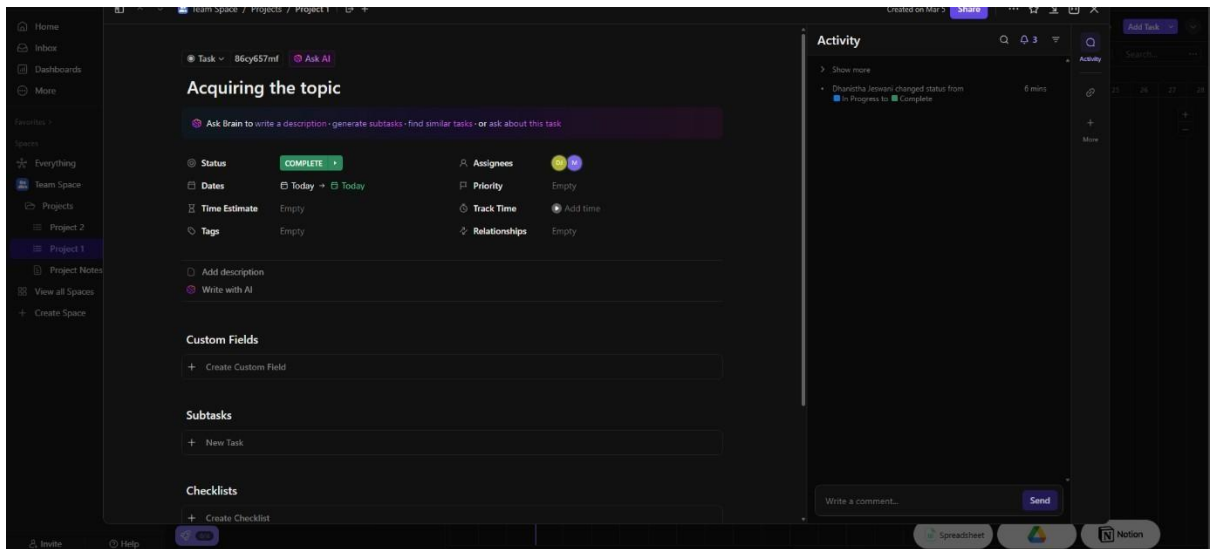
Getting started

0% complete

- Understand the ClickUp Hierarchy
- Manage your work with tasks
- Customize your views
- Collaborate with your team via Inbox

Revert Enable Autocurve Save Out

This view has unsaved changes. Save to update this view for everyone.



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Spaces

Everything

Team Space

Projects

Project 2

Project 1

Project Notes

View all Spaces

Create Space

Task86cy659xmAsk AI

Examination break

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

StatusCOMPLETE

DatesMar 12 → Mar 15

Time EstimateEmpty

TagsEmpty

Assignees

PriorityEmpty

Track TimeAdd time

RelationshipsEmpty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

Show more

Dhanisha Jewani changed status from To Do to Complete3 mins

Write a comment...

Send

Invite

Help

Spreadsheet

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View all Spaces

Create Space

Task86cy659xmAsk AI

Model implementation

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

StatusCOMPLETE

DatesMar 16 → Mar 19

Time EstimateEmpty

TagsEmpty

Assignees

PriorityEmpty

Track TimeAdd time

RelationshipsEmpty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

Show more

Dhanisha Jewani changed status from To Do to Complete3 mins

Write a comment...

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Project 1

Project Notes

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Create Space

Task86cy659xmAsk AI

Final touchups

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

StatusCOMPLETE

DatesMar 20 → Mar 24

Time EstimateEmpty

TagsEmpty

Assignees

PriorityEmpty

Track TimeAdd time

RelationshipsEmpty

Add description

Write with AI

Custom Fields

Create Custom Field

Subtasks

New Task

Checklists

Create Checklist

Activity

Show more

Dhanisha Jewani changed status from To Do to Complete2 mins

Write a comment...

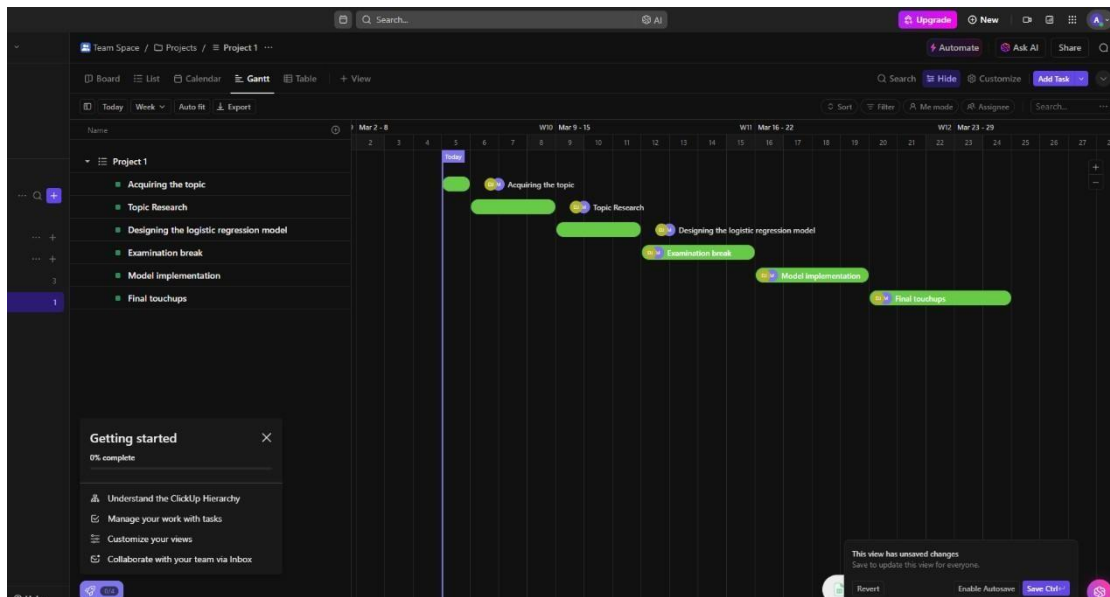
Send

Invite

Help

Spreadsheet

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.