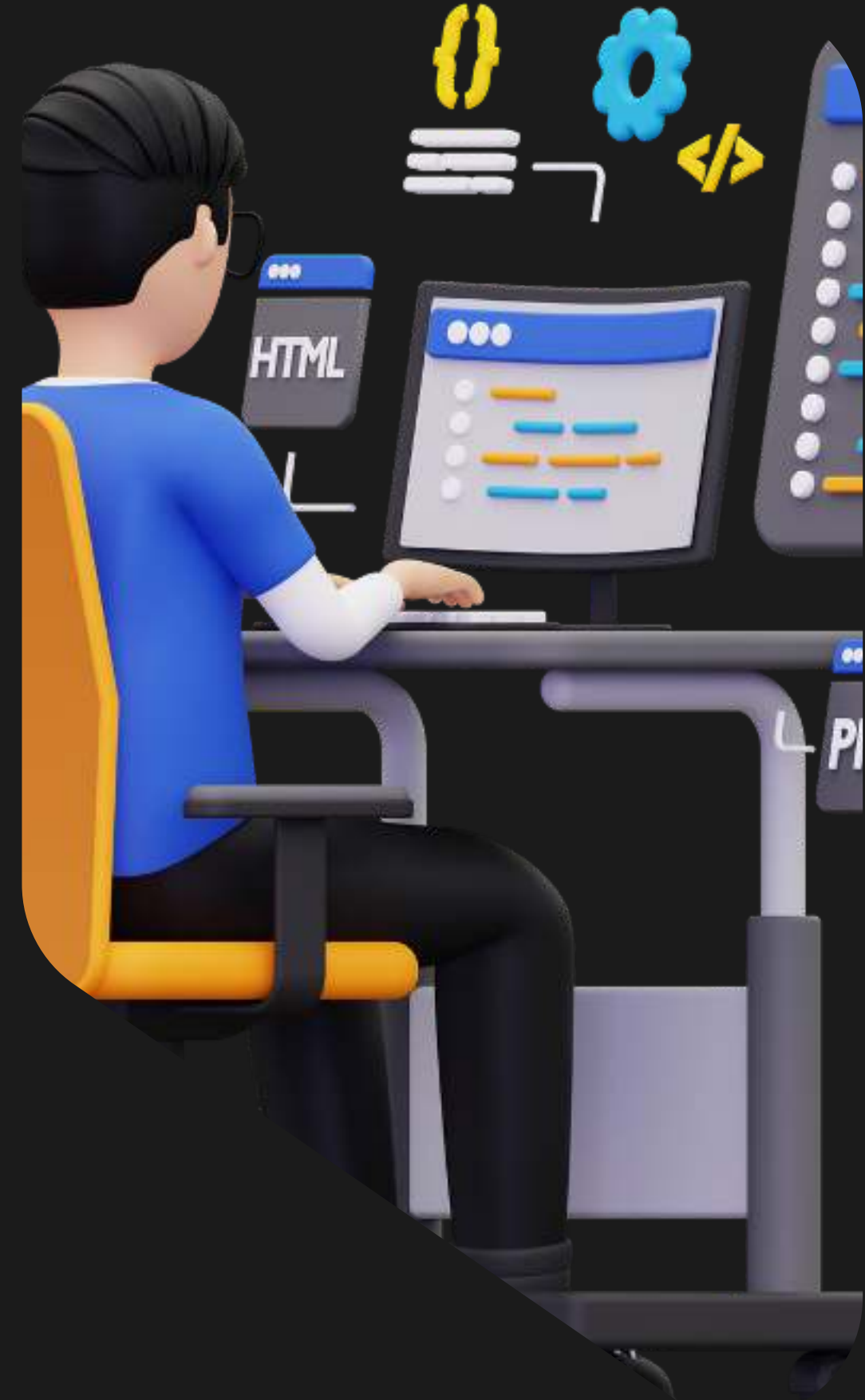




 [www.codealpha.tech](http://www.codealpha.tech)

# CODE ALPHA





# CONTENTS

- About Us
- Internship Perks
- Instructions
- Data Science
- Submission Details
- Contact us





## ABOUT US



This is very important as internship programs provide comprehensive experience and knowledge to the students, giving them real and relevant work experience.

CodeAlpha is a leading software development company dedicated to fostering talent and innovation in various domains. With a strong commitment to excellence, we offer internship opportunities that provide hands-on experience in cutting-edge technologies and a dynamic work environment.

# INTERNSHIP PERKS



- Internship Offer letter
- Internship Completion Certificate
- QR Verified Certificate
- Unique ID Certificate
- LOR Based on Performance
- Job Opportunities/Placement Support
- Resume Building



# INSTRUCTION



- Share your intern status on LinkedIn by mentioning @CodeAlpha.
- Complete Assigned Projects within the mentioned period of time.
- Upload Your whole source code on GitHub by creating repository named CodeAlpha\_Project\_Name.
- Update your Project completion on LinkedIn with a video explanation and share the GitHub project repository link.
- You will be provided task and In a given time and have to complete that task and submit via Submission form .
- You will be provided four task in all domains but you have to complete only three in your domain (Select three Task).



# INSPIRING QUOTES

You  
DON'T  
NEED TO BE  
AN EXPERT  
TO DO  
SOMETHING  
GREAT

# DATA SCIENCE

## TASK LIST

Unlock the doors to a dynamic learning experience with our Data Science Internship! Dive into the world of cutting-edge data analytics, machine learning, and statistical modeling as you work alongside industry experts. Gain hands-on experience in handling large datasets, extracting meaningful insights, and transforming raw information into actionable intelligence.



# TASK 1

## Titanic Classification

Make a system which tells whether the person will be save from sinking. What factors were most likely lead to success-socio-economic status, age, gender and more.





# TASK 2

## Stock Prediction

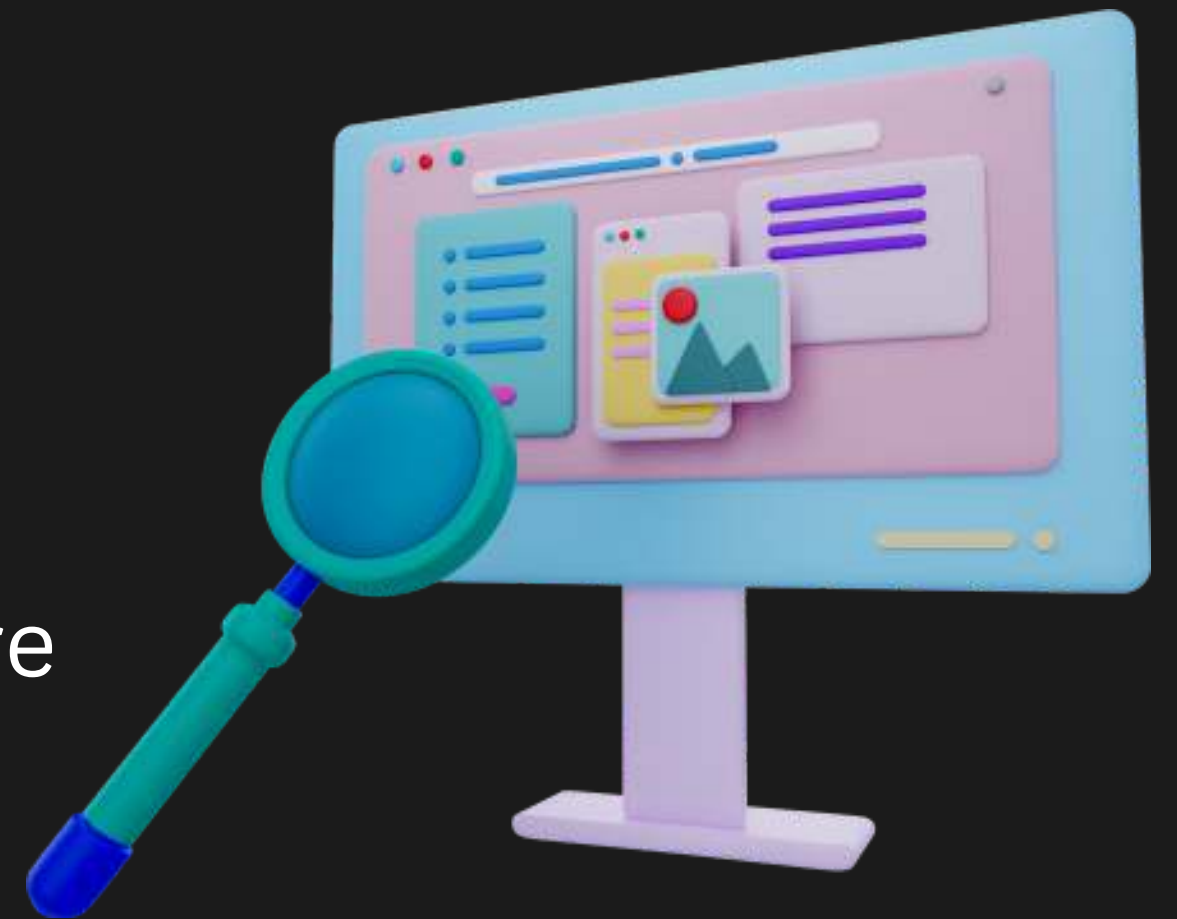
Take stock price of any company you want and predicts its price by using LSTM. Use only Jupyter notebook code.



# TASK 3

## Predictive Modeling with Linear Regression

Build a predictive model using linear regression to predict a numerical outcome based on one or more features. Use a dataset with a continuous target variable.



# TASK 4

## A/B Testing Analysis

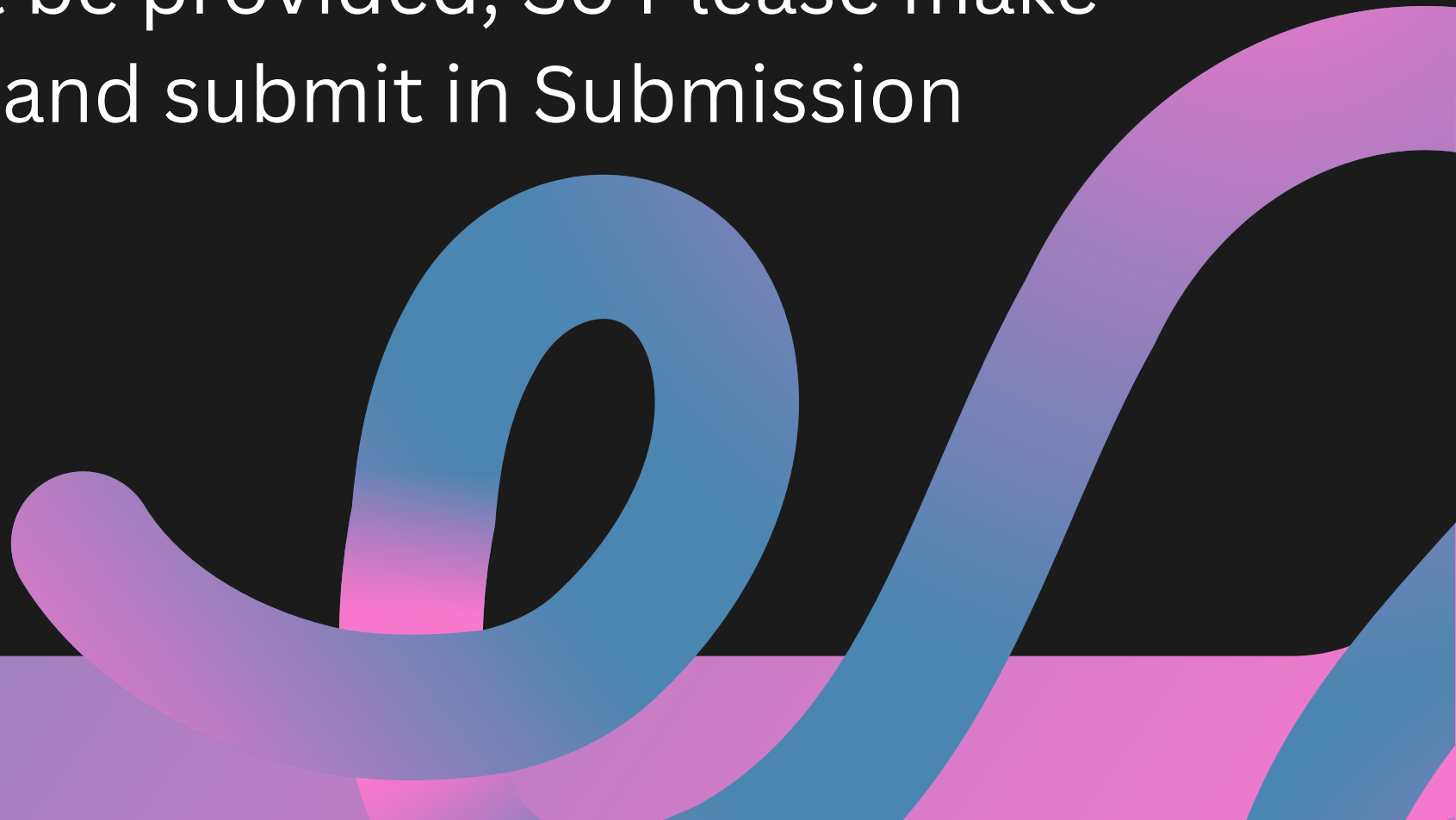
Conduct an A/B testing analysis to evaluate the impact of a change or intervention. Analyze the results using statistical techniques and draw actionable insights.



# SUBMISSION DETAILS

You will have to provide task submission in 15 days during your internship period

It's essential for each intern to complete any three in the assigned tasks. If someone completes only two or one task, their internship may be considered incomplete or certificate will not be provided, So Please make sure to fulfill all three tasks assigned to you and submit in Submission form to ensure a successful Internship.



**CONTACT US**



services.codealpha@gmail.com



+91 9336576683



www.codealpha.tech



CodeAlpha



CodeAlphaOfficial



icodealpha

