



## RISE Internship Program

### What is RISE?

RISE (Real-time Internship & Skill Enhancement) is a fully free internship initiative launched by Tamizhan Skills to empower students from all backgrounds with real-world, project-based learning. Designed to bridge the gap between theoretical knowledge and practical application, RISE offers hands-on training in today's most in-demand domains — including Web Development, Data Science, AI, IoT, and more.

### Why RISE?

Many students, especially from underprivileged backgrounds, lack access to meaningful internships or industry exposure. RISE is here to change that — by offering:

- ◆ 100% Free Internship
- ◆ Real-Time Projects with Problem Statements
- ◆ Internship Certificate from Tamizhan Skills
- ◆ Beginner-Friendly Projects with Mentorship Support
- ◆ No prior experience required



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### Who is it for?

- 🎓 College students from any stream
- 💻 Beginners in tech wanting hands-on project experience
- 🌱 Aspiring professionals aiming to build a portfolio
- ♿ Inclusive for transgender and differently-abled individuals

### Our Vision

To ensure every student — regardless of their background — gains the skills, confidence, and experience needed to compete on a national and global level.



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# The Truth About Fake Internships

## And Why RISE Is Different

### The Rise of Fake Internships

In today's digital age, thousands of students are falling victim to fake internship programs. These so-called "**internships**" often:

- ✗ Charge students high fees with no learning value
- ✗ Offer certificates without real work or projects
- ✗ Do not provide any mentorship or guidance
- ✗ Exist only to make profits — not to educate

As a result, students lose money, time, and trust — and worst of all, they walk away with zero practical skills or real experience.

### What Makes RISE by Tamizhan Skills Genuine?

We launched RISE with a strong mission:

To provide real, free, skill-based internships that make a difference in students' lives.

### Here's how we're different:

- 💯 Completely Free — No hidden fees, no catches
- 🛠️ Real Projects — With detailed problem statements & weekly guidance
- 🏆 Industry-Aligned — Build a real portfolio to showcase
- 📝 Final Certification with **Wipro Credential Reference**

### ❤️ Our Cause Is Bigger Than Business

We're not here to make money from students.

We're here to make students ready for the future.



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# RISE Internship

## Data Science & Analytics

### Project List

#### Project 1: Sales Forecasting with Linear Regression

##### Problem Statement:

Businesses struggle to estimate future sales based on past performance.

##### Objective:

Build a regression model to predict future sales using historical data.

##### Requirements:

- Use a CSV file with sales data (date, product, quantity, revenue)
- Preprocess data, handle null values
- Apply Linear Regression
- Plot actual vs predicted sales

##### Expected Outcome:

Graphical and tabular forecasts for upcoming sales periods.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 2: Student Performance Analytics Dashboard

##### Problem Statement:

Institutions need early warnings for students who might fail or drop out.

##### Objective:

Analyze student data to highlight performance trends and risk areas.

##### Requirements:

- Dataset: marks, attendance, logins
- Calculate averages, correlation, and absentee impact
- Visualize top vs struggling students
- Use bar charts, heatmaps

##### Expected Outcome:

Dashboard to support academic interventions for at-risk students.



# RISE Internship

## Data Science & Analytics

### Project List

#### Project 3: Customer Segmentation Using K-Means

##### Problem Statement:

Businesses need to target different customers differently based on behavior.

##### Objective:

Cluster customers into groups using unsupervised learning.

##### Requirements:

- Use K-Means clustering on data (age, income, frequency, spending)
- Preprocess data using scaling
- Visualize clusters using 2D or 3D scatter plots

##### Expected Outcome:

Identify 3–5 meaningful customer types for marketing or offers.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 4: COVID-19 Data Analysis

##### Problem Statement:

Understanding COVID-19 trends helps in planning public health policies.

##### Objective:

Analyze global COVID-19 data to visualize trends and compare countries.

##### Requirements:

- Dataset: confirmed, recovered, deaths per day
- Clean data, plot cumulative cases
- Use line plots, area charts, heatmaps

##### Expected Outcome:

Visual story of pandemic growth, recoveries, and death rates.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 5: E-Commerce Data Insights

##### Problem Statement:

E-commerce platforms need to know what products and users drive revenue.

##### Objective:

Explore sales and user data to derive business insights.

##### Requirements:

- Dataset: products, users, order quantity, reviews
- Analyze top-selling items, peak hours, user retention
- Visualize using bar, pie, line charts

##### Expected Outcome:

Insights dashboard showing products to stock, users to reward.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 6: Netflix User Behavior Analysis

##### Problem Statement:

Streaming services want to understand what content users prefer.

##### Objective:

Analyze dataset of Netflix viewing habits to identify genre and viewing trends.

##### Requirements:

- Dataset: show titles, genres, user viewing history
- Analyze top genres, watch hours per user
- Visualize binge behavior and ratings vs genres

##### Expected Outcome:

Behavioral insights that could guide content suggestions.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 7: Traffic Pattern Analysis

##### Problem Statement:

Cities face congestion due to poor traffic pattern understanding.

##### Objective:

Use vehicle or GPS data to find peak traffic periods and best routes.

##### Requirements:

- Dataset: vehicle count/hour or GPS coordinates
- Plot traffic density over time
- Identify anomalies or trends
- Optional: predict peak hours using regression

##### Expected Outcome:

Reports and graphs to guide city planning or route suggestions.

# RISE Internship

## Data Science & Analytics

### Project List

#### Project 8: Survey Data Visualization Project

##### Problem Statement:

Survey results are often under-utilized due to poor analysis.

##### Objective:

Use survey results to create informative and engaging visual summaries.

##### Requirements:

- Survey dataset (real or dummy) with multiple-choice & ratings
- Create bar charts, pie charts, heatmaps
- Use seaborn/matplotlib
- Optional: interactive dashboard with Plotly

##### Expected Outcome:

PDF or web-based dashboard with key takeaways and visuals.