

JOB DESCRIPTION

DATA ANALYST INTERN



We're hiring Data Analytics Interns who can work independently on real-world problems using structured thinking and data-driven insights. This challenge reflects how we work: starting from problem understanding to delivering actionable outcomes.

Your Challenge

Choose one of the following real-world problem statements and perform a full data analysis project.

Choose one Topic from below :

- Food Waste Optimization in Supermarkets
- School Dropout Risk Analysis
- Smart Water Usage in Urban Homes
- City Budget Allocation vs Public Outcomes
- Fake Product Detection in Online Marketplaces
- Gender Bias in Hiring or Promotions
- Public Transport Impact on City Pollution

Follow This Analysis Flow

To reflect a real analytics pipeline, your project should include the following:

1. Problem Framing & Hypothesis

- Define the problem clearly
- Set goals, KPIs, and any testable hypotheses

2. Descriptive Analysis

- Clean and prepare your data
- Explore distributions, trends, and correlations using visual and statistical summaries
- Present key patterns and summaries

3. Diagnostic Analysis

- Go deeper: compare groups, segment users/items, identify anomalies
- Explore potential reasons behind trends or behaviors

4. Inferential or Predictive Analysis

- Apply relevant models (e.g., classification, regression, clustering, statistical inference)
- Evaluate performance and interpret the model output

- If no modeling is needed, include strong inferential reasoning

5. Prescriptive Insights

- Translate your findings into clear recommendations
- Suggest strategies, optimizations, or interventions based on your analysis

6. Storytelling & Delivery

- Use visuals and simple language to communicate your work
- Summarize your conclusions for both technical and non-technical audiences

What to Submit

- A Jupyter Notebook (or Excel / Power BI / Tableau Dashboard)
- A 1–3 page PDF Report summarizing your work and recommendations
- (Optional) Link to GitHub or Google Drive folder with full project files

Where to Find Data

You may use open datasets from or any legitimate dataset you find in Internet:

- Kaggle
- OpenAQ
- Amazon Reviews Dataset
- OpenBudgets.eu
- World Bank & UNESCO Education Data
- Or simulate data based on realistic assumptions

Submission Instructions

- Email to: info@gigaversity.in
- Subject Line: Data Analytics Internship – [Your Name & resume]
- Deadline: 22nd June -2025 - for any extensions please write a detailed email on the project and explaining the delay in submission we will consider .

Top Candidate will receive

- A paid internship offer
- A chance to work on real business or policy challenges
- Potential full-time opportunity based on performance in 6 months