

Annpurna Srivastava

Data Analyst | Power BI | SQL | Statistics| GEN AI

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Professional Summary

Data Analyst with hands-on experience analyzing **large-scale datasets (up to 255K+ records)** using **Power BI, SQL, Statistics and GENAI**. Skilled in building interactive dashboards, performing credit risk and trend analysis, and translating data into actionable business insights. Computer Science graduate with strong data handling and analytical problem-solving skills, seeking entry-level Data Analyst roles.

Technical Skills

Data Analysis & Statistics: Python (Analytics), Statistics, Data Cleaning, GenAI

BI & Visualization: Power BI, Tableau, Excel

Databases & Querying: MySQL, MongoDB

Cloud & Warehousing: AWS (S3), Snowflake

Tools: Git, GitHub

Core CS Fundamentals: DBMS, Operating Systems, Computer Networks

Projects

1. Insurance Policy & Claims Data Analysis

Tools: Power BI, Excel | **Dataset:** 10,000 records

- Analyzed **10,000 insurance policy and claims records** to identify settlement, rejection, and pending trends
- Built an **interactive Power BI dashboard** showcasing KPIs such as premium, coverage, and claim amounts
- Performed **policy-type and demographic analysis** to understand claim behavior across age groups and gender.

- Cleaned and handled **missing values** to ensure accurate aggregation and visualization.

2. Loan Data Analysis

Tools: Power BI | **Dataset:** 255348 records

- Analyzed **255K+ loan records** in **Power BI** to uncover trends in loan distribution, credit scores, and default behavior.
- Developed **interactive dashboards using DAX** (AVERAGEX, FILTER, MEDIANX, COUNTROWS, ISBLANK, CALCULATE, ALLEXCEPT, ALL, SUMX, DIVIDE, SUM), Measures to track default rates, average loan amounts, and YOY performance.
- Identified **high-risk borrower segments** by analyzing income, employment type, age, and credit score patterns.

3. UPI Transaction Data Analysis

Tools: Power BI | **Dataset:** 20,000 records

- **Analyzed** 20,000+ UPI transaction records **using Power BI to uncover trends in** transaction volume, amount, and customer behavior.
- **Built an** interactive dashboard **with dynamic filters for** banks, cities, device types, and payment methods.
- **Used** DAX measures **to track** monthly transaction trends and remaining balances.

4. Agriculture And Yield Analysis

Tools: Power BI, AWS, Snowflake | **Dataset:** 3159

- Built an **end-to-end agriculture analytics pipeline** using **AWS S3, Snowflake, and Power BI**, processing **3,159 records** to analyze climate impact on crop yield.
- Transformed and analyzed agricultural data in **Snowflake using SQL** and developed an **interactive Power BI dashboard** to identify seasonal, crop-wise, and regional performance trends.

Experience

Web Development Intern

Unified Mentor | Remote | 10th of May 2025 -10th of Aug 2025

- Developed and styled responsive user interfaces using **HTML, CSS, and JavaScript**, ensuring cross-device compatibility and smooth user experience.
- Integrated **Firebase Authentication and Firestore** to implement secure user login, data storage, and dynamic functional features.

Education

Bachelor of Technology – Computer Science And Engineering

JIS University, Kolkata

2021 – 2025 | CGPA: 8.83

Senior Secondary (12th)

NITL Higher Secondary School, Jammu & Kashmir | 72.6%

Secondary (10th)

Shri Pratap Memorial Convent School, Jammu & Kashmir | 83.6%

Certifications

- The Ultimate MySQL Bootcamp – Udemy
 - Agile & Scrum Project Management – Udemy
 - Human-Computer Interaction – NPTEL
 - Cyber Security and Privacy – NPTEL
 - Business Analytics And Intelligence-NPTEL (doing)
 - Complete Data Analyst Bootcamp from Basics to Advanced-Udemy(doing)
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Languages

- English – Fluent
- Hindi – Native