ADITYA CHAUDHARY

CONTACT

isthistheuser@gmail.com

+91-8288935284

Chandigarh, India
160102 Chandigarh

linkedin.com/in/aditya-chaudhary-520a1a284

SKILLS

Python (pandas, numpy, matplotlib)

SQL (MySQL/Postgres)

Tableau

Power BI

Advanced Excel (pivot tables, VLOOKUP, dashboards)

Onshape

Fusion 360

Engineering Drawing

GD&T

MATLAB

Simulink

basic FEA

MS Office Suite

Canva

teamwork

leadership

organisational skills

PROFILE

Mechanical Engineering student at Punjab Engineering College with a strong focus on data analytics, design optimisation, and business insights. Skilled in Python, SQL, Power BI, and advanced CAD tools, combining engineering fundamentals with data-driven decision-making. Experienced in developing interactive dashboards, analysing trends, and creating efficient mechanical designs. Active NSS volunteer with excellent teamwork and leadership skills.

EDUCATION

Aug 2023 - Jun 2027

Bachelor Of Technology: Mechanical Engineering
PUNJAB ENGINEERING COLLEGE, Sector 12, Chandigarh, India

EXPERIENCE

Sep 2023 - Present

NSS - Leadership & Volunteering
Chandigarh, India

- Active NSS volunteer; contributed to social awareness programs and community initiatives.
- Improved teamwork, leadership, and organisational skills.

PROJECTS

Retail Sales Dashboard

- Designed an interactive dashboard in Excel and Power BI for a large retail dataset, showcasing regional sales, profit trends, and top products.
- Delivered clear business insights and visually identified growth opportunities.

Financial Stock Data Analysis

- Analyzed stock price data using Python (pandas, matplotlib) to identify trends and assess risk factors.
- Applied moving averages and regression techniques for price movement predictions, presenting findings in Excel.

Drone Frame / Quadcopter Arm Design

- Developed a lightweight quadcopter arm in Onshape and Fusion 360, optimizing structure for weight reduction and durability.
- Performed load analysis and iterative shape improvements to enhance strength.