

Pauras Raut

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ABOUT ME

Data analytics and machine learning graduate with an MSc in Genomic Data Science from the University of Galway and internship experience in analytics and reporting. Skilled in Python, SQL, Power BI, dashboarding and data preparation, with hands-on project work in predictive maintenance and text analytics. Currently seeking entry-level Data Analyst or BI Analyst roles in Ireland.
Work authorisation: Stamp 1G (Ireland), available for full-time roles.

EDUCATION AND TRAINING

MSc Genomic Data Science

University of Galway (Ireland) [02/09/2024 – 15/11/2025]

City: Galway | Country: Ireland | Level in EQF: EQF level 7

Genomic data analysis: QC, alignment, variant calling concepts, annotation & interpretation
Statistical analysis & machine learning (classification/regression, model evaluation)
Python for data science (Pandas, NumPy, scikit-learn), data wrangling & reproducible workflows
Bioinformatics tools & pipelines (command line, workflow thinking)
Data visualisation & reporting; research project/thesis in genomic data science

Bachelor of Engineering (B.E.) – Computer Engineering

St. John College of Engineering and Management (Affiliated to University of Mumbai) [08/06/2020 – 23/04/2024]

City: Mumbai | Country: India | Level in EQF: EQF level 6

Data Structures & Algorithms, Databases (SQL), Software Engineering
Artificial Intelligence, Data Warehousing & Mining, Social Media Analytics
Cybersecurity & Laws; project-based coursework
Project: Mental Health Analysis (OpenAI API + SVM; questionnaire + diary text analysis)

WORK EXPERIENCE

 **Tata Steel** – Mumbai, India

Data analyst

[10/01/2023 – 10/08/2023]

Cleaned and prepared datasets in Python, Excel and SQL for analysis and reporting
Performed exploratory analysis and basic forecasting and anomaly checks on operational data
Built Power BI dashboards for key KPIs and trends to support maintenance planning
Documented results and shared updates with the team

 **Adani Power Group Limited** – Mumbai, India

Data analyst

[10/08/2022 – 10/01/2023]

Automated repetitive reporting steps to reduce manual effort and improve consistency
Analysed transaction data and generated association rule outputs using Eclat to identify item relationships
Created dashboards and summaries to track trends and support reporting decisions
Collaborated with team members to validate outputs and improve the reporting workflow

SKILLS

Technical skills

Dashboard / SQL / Data Visualization / Microsoft Excel / Python (computer programming) / Exploratory data analysis / KPI tracking / Power BI / Data cleaning / Data validation / Reporting / Statistical analysis

Machine learning

Classification / Logistic regression / Natural language processing / Model evaluation / Text classification / Linear regression / Feature engineering

Tools

Visual Studio Code / Jupyter (Jupyter-lab/Jupyter-notebook) / Git

LANGUAGE SKILLS

Mother tongue(s): Marathi | Hindi

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

CERTIFICATIONS

[Google (Coursera), 20/08/2021]

Google Data Analytics Professional Certificate – Foundations: Data, Data, Everywhere Write here the description...Completed the Foundations module of the Google Data Analytics Professional Certificate. Covered the data analysis process (ask, prepare, process, analyse, share), data-driven decision making, and use of spreadsheets and basic analytical tools.

Mode of learning: Online

[HarvardX (edX), 09/01/2026]

CS109x: Machine Learning and AI with Python Verified certificate covering supervised learning fundamentals using Python, including model training, evaluation, and practical ML workflows.

Mode of learning: Online

[Udemy, 30/05/2023]

Complete Python Developer in 2023: Zero to Mastery 31-hour completion certificate focused on Python programming fundamentals and practical development skills.

Mode of learning: Online