

Naman Yadav

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PERSONAL PROFILE

Passionate about transforming data into actionable insights. Experienced in building real-time dashboards, optimizing business processes, and applying Artificial Intelligence for data-driven solutions. Skilled in PostgreSQL, Metabase, Power BI, and Machine Learning, with a strong foundation in Python, SQL, and Big Data technologies.

EXPERIENCE

DATA ANALYST INTERN, SELLCORD 11/2024 – 05/2025
Australia

- Developed multiple real-time business dashboards with Metabase and PostgreSQL, tracking key KPIs like revenue growth, customer retention, and operational efficiency.
- Designed customer metrics to monitor new and churned customers, improving retention rates by 20% and boosting revenue.
- Analyzed revenue trends and customer behavior, leading to a 30% improvement in operational efficiency and business growth.
- To streamline data flow and cut down on manual table creation in PostgreSQL and Metabase by 50%, I conducted research and implemented Airbyte, utilising AWS EC2 to connect Google Sheets with Metabase.

ASSISTANT SYSTEM ENGINEER, TATA CONSULTANCY SERVICES 07/2021 – 03/2022
India

- Resolved daily issues through ServiceNow and SAP systems.
- Optimized production environment by analyzing system reports, resolving issues, and ensuring operational continuity, reducing downtime by 10%.
- Developed a Power BI and Excel-based reporting system, improving backend job analysis and streamlining client updates via ALM.

Front End Intern, NETPARAM TECHNOLOGIES PVT. LTD. 01/2021 – 06/2021
India

- Developed core architecture for a few music and construction web apps using React, Redux Toolkit, React Router, and Styled Components, reducing manual design and state management by 30%.
- Designed fully responsive UI using MUI, Ant Design, and implemented backend connectivity to enhance functionality and user experience.

EDUCATION

MASTER OF ARTIFICIAL INTELLIGENCE, MONASH UNIVERSITY 07/2022 – 06/2024
Melbourne, AU

BACHELOR IN COMPUTER SCIENCE AND ENGINEERING, JECRC UNIVERSITY 2017 – 2021
Jaipur, India

SKILLS

Languages

Python, Java, SQL, JavaScript

Web Frontend

Reactjs, Redux, HTML, CSS

Data Science

Data Wrangling, Data Cleaning, Metabase, Power Bi, Excel

Databases

PostgreSQL, MongoDB, MySQL

Big Data

PySpark, Kafka, Hadoop

Web Backend

Nodejs, Expressjs

Containerisation

Docker

Artificial Intelligence

Machine Learning, Deep Learning, Statistical Mathematics, NLP, Modelling Optimization, TensorFlow, PyTorch, and YOLO

ETL & ERP Tools

Databricks, Airbyte, SAP

Cloud & Version Control

Azure, Git, Github

SOFT SKILLS

- Collaboration & Teamwork
- Attention to detail, Problem-solving abilities
- Effective Communication
- Critical & analytical thinking

PROJECTS

COMPOST HERO, *AI And Data Member*

03/2024 – 05/2024


- Developed an image classifier (TensorFlow, PyTorch, YOLO) with 80% accuracy for compost detection. Optimized with precision, recall, and F1-score.
- Deployed via FastAPI for real-time use; built a Compost Recipe Calculator (Python, React) that increased engagement by 40%.

Python Game Development, *Monash University*

08/2022 – 06/2023

- Built a Dice Rolling Game with input validation, dynamic gameplay, and tracking based on median/mean logic.
- Created a Card Game with custom win rules, where players compete against the computer using a shuffled deck.

CERTIFICATIONS

Ethics of AI 	AI/ML FOR GEO-SPATIAL DATA	Intro to Machine Learning
UNIVERSITY OF HELSINKI, July 2025	INDIAN SPACE RESEARCH ORGANISATION (ISRO), Aug 2024	kaggle, Aug 2024

Publications

Connecting Google Sheets to Metabase via Airbyte: A Step-by-Step Guide, *Medium*

21/07/2025

Unlock powerful data insights by integrating Google Sheets with Metabase using Airbyte. Learn how to connect Google Sheets to Metabase using Airbyte in this step-by-step guide. This tutorial covers the full setup—from source configuration to data syncing with a Metabase-connected database. Perfect for anyone looking to automate spreadsheet workflows and make them fully queryable.