

Hemant Solanki

Senior Data Analyst

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Professional Summary

Senior Data Analyst | Data-Driven Decision Maker

Data Operations-focused Senior Data Analyst with **4.5+ years of experience** working with large structured datasets using **SQL, Python, and R**. Strong expertise in **data validation, quality checks, product/entity mapping, and automated data tagging**. Proven ability to improve data accuracy, streamline recurring processes, and collaborate with cross-functional teams to deliver reliable, client-ready datasets.

Profiles

🔗 [Linkedin](#)

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Work Experience

General Freelance Projects

Freelance Developer / Data Analyst (Independent Consultant)

Mumbai
Jan 2025 - Present

- Executed freelance data analysis projects involving **data scraping, cleaning, validation, and storage** using Python and SQL.
- Built automated scripts to **standardize and categorize raw data** for reporting use cases.
- Designed lightweight data pipelines and APIs to support reliable data delivery.
- Performed manual data reviews and spot checks to validate automated tagging outputs.

Fuel Intelligence Pvt Ltd

Senior Data Analyst

Mumbai

Aug 2021 - Jan 2025

- Processed and validated large-scale structured datasets using **SQL, Python, and R**, ensuring high data accuracy for downstream analytics.
- Built and maintained **data validation rules and quality checks**, improving overall dataset reliability by **30%**.
- Designed automated pipelines for recurring data ingestion and cleaning, reducing manual effort by **60%**.
- Worked closely with product and marketing teams to **map data attributes and standardize data definitions**.
- Categorized and mapped product / company-level data using rule-based logic in Python and SQL to support consistent reporting

<https://www.fuelintelligence.co/>

Data Bridge Market Research

BD Data Executive

Pune

Nov 2019 - July 2021

- Conducted in-depth market research** to identify trends, opportunities, and business development strategies, leveraging **data-driven insights** for decision-making.
- Specialized in data lead generation**, utilizing web marketing, LinkedIn, and other sources to gather high-quality business intelligence.
- Developed comprehensive data reports** by collecting, analyzing, and interpreting market data across **APAC, Europe, and the USA**, supporting strategic growth initiatives.

<https://www.databridgemarketresearch.com/>

Education

Mumbai University
Information Technology

Bachelor in Information Technology • CGPA: 7.4
2017 – 2019

- Final Year Project: Voice-controlled IoT car
 - Completed Dalvic App Development Workshop
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Technical Skills & Tools

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Programming & Query Languages: Python, R, SQL

Analytics & Visualization: Tableau, Power BI, Excel, matplotlib, seaborn

Data Handling: Pandas, NumPy, Data Cleaning, Feature Engineering

Databases: MySQL, PostgreSQL, SQLite

Data Operations & Quality : Data validation & quality checks, Product and entity mapping, Manual and automated data tagging, Data accuracy auditing, Process documentation (SOPs), Handling large structured datasets.

Tools & APIs: Jupyter Notebook, Google Gemini API, Render, Vercel, Alteryx

Certifications

Data Analytics IIM Rohtak

2023

IIM Rohtak

- Data collection, cleaning, preprocessing
- Statistical analysis & hypothesis testing
- SQL, Python, and R for data manipulation
- Data visualization using Tableau & Power BI

[View Certificate]

Work Style & Strengths	<p><></p> <ul style="list-style-type: none"> • High attention to detail and data accuracy • Comfortable working with repetitive data tasks • Strong documentation and process ownership • Ability to manage multiple parallel data tasks
Projects	<p>Web Scraping Project (Freelance project) June - Aug 2025</p> <ul style="list-style-type: none"> • <i>Tools:</i> Python, BeautifulSoup, Requests • Scrapped company profiles from multi-page directories and saved to a PostgreSQL database. Cleaned and validated scraped data for reporting. <p>AI Resume & Job Match Analyser Nov 25 - Jan 26 [Github Repo]</p> <ul style="list-style-type: none"> • ATS score calculation • Skill gap analysis • Job fit recommendation • Career mismatch detection • Resume Fix vs Career Gap insights • AI-powered improvement suggestions • Mobile-friendly UI <p>Live App</p> <p>StackIt 2.0 – AI-Powered Q&A Forum July - Aug 2025 [GitHub Repo]</p> <ul style="list-style-type: none"> • Integrated Gemini Pro to generate human-like AI responses on question submission. • Implemented Flask, Jinja2, SQLAlchemy, and Render for backend and deployment. • Developed role-based access with login, signup, question posting, and answer submission. • Enabled asynchronous AI answer generation without slowing down user experience. <p>Live App</p> <p>AI Voice Assistant – "NIA" March 2025 Built an AI-powered voice assistant using Google's Gemini API, Python, and speech recognition. The assistant processes natural language, responds via TTS, and automates daily tasks. [GitHub Repo]</p>