

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**

[Click here](#)

📁 **Portfolio**

[Click here](#)

Work Experience

General Freelance Projects

Mumbai

Freelance Developer / Data Analyst (Independent Consultant)

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

Mumbai

Senior Data Analyst

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

Pune

BD Data Executive

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	Bachelor in Information Technology • CGPA: 7.4
	Information Technology	2017 – 2019
	<div>- Final Year Project: Voice-controlled IoT car</div> <div>- Completed Dalvic App Development Workshop</div>	

Technical Skills & Tools	<>
	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 Rohatk	2023
	IIM Rohtak	
	<div>• Data collection, cleaning, preprocessing</div> <div>• Statistical analysis & hypothesis testing</div> <div>• SQL, Python, and R for data manipulation</div> <div>• Data visualization using Tableau & Power BI</div>	
	[View Certificate]	

Work Style & Strengths	<> <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	Web Scraping Project (Freelance project)	June - Aug 2025
	<ul style="list-style-type: none">• <i>Tools:</i> Python, BeautifulSoup, Requests• Scraped company profiles from multi-page directories and saved to a PostgreSQL database. Cleaned and validated scraped data for reporting.	
	AI Resume & Job Match Analyser [Github Repo]	Nov 25 - Jan 26
	<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 Live App	
	StackIt 2.0 – AI-Powered Q&A Forum [GitHub Repo]	July - Aug 2025
	<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. Live App	
	AI Voice Assistant – "NIA" 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]	March 2025