

Translated Document

Hemant Solanki

Senior Data Analyst

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Professional Senior Data Analyst | Data-Driven Decision Maker

Summary 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

- Final Year Project: Voice-controlled IoT car
- Completed Dalvic App Development Workshop

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 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

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

Tools: 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 Nov 25 - Jan 26

[\[Github Repo\]](#)

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 July - Aug 2025

[GitHub Repo]

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" 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]