

Hemant Solanki

Senior Data Analyst

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Profiles

[in LinkedIn](#)

[▲ Portfolio](#)

Professional Summary

Senior Data Analyst | Data-Driven Decision Maker

Data-driven Senior Analyst with 4.5 years of experience delivering actionable insights through SQL, Python, and Tableau. Proven track record of improving business KPIs, automating reports, and leading cross-functional analytics projects across the marketing and operations domains. Passionate about solving real-world problems through statistical modeling and intuitive dashboards.

Work Experience

General Freelance Projects

Jan 2025 - Present

Mumbai

- Worked on small-scale freelance projects in Python, SQL, and web development.
- Delivered freelance projects in **Python, R, SQL, and web development** for small businesses and self-initiated clients.
- Built data pipelines, performed statistical analysis, and created dashboards using **R (ggplot2, dplyr)** and **Python (pandas, matplotlib, Flask)**.
- Designed automation scripts and APIs to streamline reporting and data-driven decision-making.
- Developed portfolio projects integrating **R and Python** for analytics, visualization, and predictive modeling.

Fuel Intelligence Pvt Ltd

Aug 2021 - Jan 2025

Mumbai

✉ <https://www.fuelintelligence.co/>

- Built SQL and **R-based data pipelines** and Tableau dashboards, driving a 25% increase in user engagement.
- Automated reporting workflows using **Python and R**, reducing manual effort by 60%.
- Partnered with marketing and product stakeholders to develop A/B testing frameworks and statistical models in R, leveraging tools such as **Quantum and Dimensions** to generate data-driven performance insights
- Integrated new tracking systems and validation scripts in **SQL, R, and Python**, improving data accuracy across platforms by 30%.

Data Bridge Market Research

Nov 2019 - July 2021

Pune

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

- 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.

Education

Mumbai University

2017 – 2019

Information Technology

Bachelor in Information Technology

CGPA: 7.4

- 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

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

Certifications

Data Analytics IIM Rohtak

2023

IIM Rohtak

✉ [\[View Certificate\]](#)

- Data Collection and Data Cleaning: Techniques for collecting and cleaning data, including data preprocessing, handling missing values, and dealing with outliers.
- Statistical Analysis: Introduction to statistical concepts, hypothesis testing, regression analysis, and other statistical techniques used in data analysis.
- Data Manipulation: Techniques for manipulating and transforming data using SQL and programming languages like Python or R.
- Data Visualization: Principles of effective data visualization and tools such as Tableau, Power BI, or matplotlib for creating visually compelling and informative charts, graphs, and dashboards.

Google Gen AI

June 2025

Google / Outskill

✉ [\[View Certificate\]](#)

- [Build Real World AI Applications with Gemini and Imagen Skill Badge](#)

- [Develop GenAI Apps with Gemini and Streamlit Skill Badge](#)

- [Explore Generative AI with the Vertex AI Gemini API Skill Badge](#)

- [Prompt Design in Vertex AI Skill Badge](#)

Projects

R Programming Data Visualisation

July 2023

3D Visualization of Ecom Shopper Ratings

🔗 [LINK](#)

- Created a 3D Visualization of Customer ratings in e-commerce shopping websites using Excel data of
- Ratings, Customer ID, and Years
- R Programming Customer Payments
- Customer payments & their method of use

Tableau

March 2024

Created a Multi category Shop Dashboard

🔗 [\[Dashboard\]](#)

- Built an interactive sales dashboard across 4 product categories using Tableau.
- Improved decision-making time by 30% through visual storytelling.
- Presented KPIs and trends to business users with drill-down capability.

AI Voice Assistant – "NIA"

March 2025

Tools: Python, Gemini API, SpeechRecognition, pyttsx3, Flask

🔗 [\[GitHub Repo\]](#)

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.

AI, Python, Gemini Pro, API

Web Scraping Project (Freelance project)

June - Aug 2025

– Company Data from Paginated Site [Built during onsite client engagement]

- Tools: Python, BeautifulSoup, Requests
- Scrapped company profiles from multi-page directories and saved to a PostgreSQL database. Cleaned and validated scraped data for reporting.

StackIt 2.0 – AI-Powered Q&A Forum

July - Aug 2025

Tech Stack: Python, Flask, Gemini API, HTML/CSS, SQLite, Render

🔗 [Live App](#)

[\[GitHub Repo\]](#)

- 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.

AI Resume & Job Match Analyser

Nov 25 - Jan 26

An AI-powered web application that analyzes resumes against job descriptions using ATS-style logic and AI insights

🔗 [Live App](#)

[\[GitHub Repo\]](#)

- 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