

# Hemant Solanki

Senior Data Analyst

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## Profiles

 [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 **Alteryx, 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](#)

3D Visualization of Ecom Shopper Ratings

[!\[\]\(0f848bbd71cef6b345273b16f905912a\_img.jpg\) 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

[!\[\]\(6059a5aa8b4ca7bb793408023d6c6e42\_img.jpg\) \[Dashboard\]](#)

- 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

[!\[\]\(f60b7a900783ac3fd531bfd9c111be6d\_img.jpg\) \[GitHub Repo\]](#)

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

[!\[\]\(066cb4a00c9d9f40edb6f87372ec6f08\_img.jpg\) 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, Gemini API, SQLite, Flask, Python