

HEMANT KARPE

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Profile Links:

- <https://www.linkedin.com/in/hemant-karpe>
- <https://github.com/Hemant-Karpe-777>

SUMMARY

I'm a Data Analyst Trainee with a solid foundation in Python, Pandas, SQL, and advanced data visualization. I specialize in transforming complex datasets into actionable insights that drive business decision-making. With hands-on experience in data science, I am actively expanding my expertise into machine learning, AI agents, automation, and AI-powered analytics. Skilled in data wrangling, feature engineering, and exploratory data analysis, I enjoy solving real-world business problems using data-driven approaches. Passionate about continuous learning, emerging technologies, and cross-functional collaboration, I am eager to contribute to innovative projects and take on new professional growth opportunities.

SKILLS

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|--------------------------|---------------------------|---------------------|
| • Data Analysis (Python) | • Machine Learning | • Time Management |
| • SQL & ETL Process | • Feature Engineering | • Problem-Solving |
| • Excel & Power Query | • AI Agents or Automation | • Adaptability |
| • Power BI | • Prompt Engineering | • Collaborative |
| • Data Visualization | • Data Cleaning & EDA | • Critical Thinking |

EDUCATION AND QUALIFICATIONS

- BBA (Computer Applications)**, 2021-2024
Shri Shiv Chhatrapati College, Pune University, Pune Maharashtra
CGPA: 8.05 / 10
- Higher Secondary Certificate (HSC)**, SCIENCE (PCM), 2020-2021
Shri Shiv Chhatrapati College, JUNNAR (Pune), Maharashtra
82.17%
- Secondary School Certificate (SSC)**, MH-SSC, 2018-2019
SBPV School, JUNNAR (Pune), Maharashtra
86.47%

APPLIED LEARNING EXPERIENCE

- DATA ANALYST INTERN** | Jul 2024 – Mar 2025
TECHNOGEEKS Solutions, Pune, Maharashtra
 - Analyzed **500K+** customer records to identify trends, increasing retention by **15%**.
 - Developed interactive **Power BI dashboards** that improved reporting efficiency by **30%**.
 - Assisted in building predictive models for sales forecasting, achieving **85% accuracy**
 - Collaborated with cross-functional teams to provide data-driven insights for decision-making.
 - DATA ANALYST INTERN** | Jul 2024 – Mar 2025
TECHNOGEEKS Solutions, Pune, Maharashtra
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PROJECTS

1. Data Analytics Projects

- Weather Dashboard using Weather API + Power BI : [GitHub link](#)
- Global SuperStore Data Analysis Report : [GitHub link](#)
- Netflix Data Analysis : [GitHub link](#)
- Titanic Survival Rate Analysis : [GitHub link](#)
- Business Dashboarding (SuperStore Sales Analysis) : [GitHub link](#)

2. Machine Learning Projects

- House Price Predictions : [GitHub link](#)
- Mental Health Predictions : [GitHub link](#)
- Neural Networks + CNN : [GitHub link](#)
- Loan Approval : [GitHub link](#)
 - |----- Custom stacking for loan Approval (mini project) : [GitHub link](#)
- ML Explainability : [GitHub link](#)
 - |-----LightGBM vs XGBoost : [GitHub link](#)
 - |-----Shap + Lime : [GitHub link](#)
 - |-----Stacking Ensemble : [GitHub link](#)
- Feature Drifts & Advanced ML Concepts : [GitHub link](#)
 - |----- EVIDENTLY for data drift & Feature drift detection. (mini project) : [GitHub link](#)
 - |----- Model Deployment using Flask API (App) (mini project) : [GitHub link](#)
 - |----- MLFLOW for model versioning & Experiment Tracking. (mini project) : [GitHub link](#)
 - |----- Streamlit Dashboard App. (mini project) : [GitHub link](#)
- ML Interpretability & AI Integration
 - |----- AI-Generated Explanations for non-technical audiences. Generate human-readable insights with LLMs : [GitHub link](#)

CERTIFICATION

- Data Science and Machine Learning Certification, Mar 2025
- Fundamentals of AI Agents Certification, Jun 2025
- Prompt Engineering Course Certification, Jun 2025
- Python Development Course Certification, Jun 2025
- Data Analytics with Python Certification, Dec 2024
- Advanced Excel & MS Word Certification, Jun 2024

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Date:

Location:

HEMANT A. KARPE