Tanishq Hindoliya

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EDUCATION

Indian Statistical Institute   Bengaluru, India
Bachelor of Statistical Data Science (BSDS)   *2024 – 2028*

- GPA: 75.3% (First Year); Top-performing student in highly selective national program.
- **Relevant Coursework:** Data Analysis, Statistical Inference, Machine Learning, Optimization, Programming (Python/C++), Probability, Linear Algebra.

CERTIFICATIONS

Oracle   Remote
Oracle Certified Foundation Associate Oracle   *Oct. 2025*

Deloitte   Remote
Data Analytics Job Simulation   *Nov. 2025*

- Completed a practical job simulation involving data analysis and forensic technology for business cases.
- Developed an interactive data dashboard using Tableau to visualize key performance metrics.
- Classified complex datasets using Excel to draw actionable business conclusions and presented findings.

PROJECTS

Open-Source AI Agent Server (FlyMoon) | *Python, FastAPI, PyPI*   Oct. 2025

- Built and documented an open-source multi-agent coordination environment using FastAPI.
- Packaged the library and published it to PyPI, ensuring comprehensive public documentation for developers.
- Implemented scalable architecture allowing for integration with various LLM endpoints.

Blackjack Optimization via Card Counting | *Python, cvxpy, NumPy*   Sept. 2025

- Modeled and optimized winning probabilities in Blackjack using Convex Optimization and Probability theory.
- Simulated game scenarios using Python libraries (cvxpy, matplotlib) to validate counting strategies.

Household Expenditure Survey Data Analysis | *R, Data Visualization*   Aug. 2025

- Processed a dataset of 10,000+ entries, conducting rigorous data cleaning and imputation for missing values.
- Constructed visual dashboards and generated statistical summaries to analyze spending behavior across income groups.

SKILLS & INTERESTS

Languages/Tools: Python, R, C++, SQL, Git, Linux, FastAPI, Jupyter, Hyprland, Tableau.
Libraries: NumPy, Pandas, Tensorflow, Scikit-learn, cvxpy, Lattice.
Certifications: Oracle Certified Foundation Associate, Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate.
Interests: Music, Strategic Gaming, Sports (Badminton/Cricket).