

# Tanishq Hindoliya

Bengaluru, India 560059 | +91 8989857125 | bsdbg2421@isibang.ac.in  
linkedin.com/in/tanishqhindoliya | github.com/avasterinbloom | avasterinbloom.github.io

## EDUCATION

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### Indian Statistical Institute

*Bachelor of Statistical Data Science (BSDS)*

Bengaluru, India

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

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### Oracle

*Oracle Certified Foundation Associate Oracle*

Remote

Oct. 2025

### Deloitte

*Data Analytics Job Simulation*

Remote

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

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### 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

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**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).