

KUNAL SUHANDA

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, NY
Master of Science (MS) in Information Systems | **Concentration:** Data Science & Analytics | **GPA:** 3.68 May 2025

Mumbai University Mumbai, India
Bachelor of Engineering (BE) in Electronics and Telecommunication Engineering | **GPA:** 7.34/10 May 2022

RELEVANT COURSEWORK

Introduction to Coding | Database Management Systems | Information Systems Principles | Information Systems Design and Development | Information Systems Project and Change Management | Visual Design for Technology | Big Data and Information Systems | Introduction to UX Design | Business Data Communications

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, PySpark

Database Management: SQL, MySQL, Azure Synapse Analytics

Cloud & Data Engineering Tools: Azure Data Factory, Azure Databricks, Azure Data Lake, Azure Synapse Analytics

Data Visualization Tools: Microsoft Power BI, Tableau, MS Excel, MATLAB

Libraries: Adobe Photoshop, Adobe Premiere Pro

Certifications: Crash Course on Python ([Coursera, 2023](#))

VIRTUAL WORK SIMULATIONS

PwC, Power BI Job Simulation, The Forge May 2024

- Created PowerBI dashboards that conveyed KPIs, responding to client requests with well-designed solutions to meet data visualization needs.
- Delivered valuable insights and actionable suggestions based on data analysis through concise and informative email communication with engagement partners.
- Analyzed HR data using PowerBI to identify root causes for gender balance issues at the executive management level, supporting data-driven decision-making.

ACADEMIC PROJECTS

End-to-End Olympic Data Pipeline using Azure January 2025

- Developed a data pipeline using Azure Data Factory to extract Olympic data from APIs and store it in Azure Data Lake Storage.
- Transformed raw data using Azure Databricks and PySpark, ensuring data quality through cleaning, deduplication, and type conversion.
- Executed SQL queries in Azure Synapse Analytics to analyze athlete and medal statistics, deriving key insights.
- Created interactive Tableau dashboards to visualize Olympic performance trends and country wise medal distribution.

Obstacle Avoiding Robot June 2024

- Implemented sensor data analysis with Arduino to dynamically adjust robot navigation strategies, achieving a 40% increase in precision and enhancing the robot's ability to operate in diverse environments.
- Developed a data aggregation system that integrates readings from ultrasonic sensors, using statistical analysis to improve obstacle detection efficiency by 50%, facilitating faster reliable decision-making by the robotic system.

EXPERIENCE

YouTube Content Creator Mumbai, India
Content Creator July 2020 – July 2022

- Analyzed viewer data using Tableau to develop content strategies that targeted specific audience segments, resulting in a 100,000+ viewer increase and enhanced channel engagement.
- Enhanced video quality through expert use of Adobe Photoshop and Premiere Pro, aiming to improve viewer retention by 25% by presenting complex gaming strategies more.
- Optimized content delivery by employing Python for in-depth analytics, achieving a 20% month-over-month increase in engagement and a 30% rise in subscriber numbers through data-driven strategy adjustments.