DATA 590 A: Data Science Capstone I- Project Preparation
Team Bios
Date: Nov, 7ᵗʰ 2024
Team Whatchamacallit

Apratim Tripathi - Cloud Engineering Specialist (contact person)

Apratim specializes in cloud solutions and data engineering, with skills in AWS, GCP, Azure, and Kubernetes. He is adept at creating microservices-based systems and building ETL workflows using Python, PySpark, and Databricks. He is currently engaged in a project at the University of Washington, developing a Genetic Forensics Portal that handles large-scale genetic data within a cloud infrastructure. Apratim is looking to apply his deep technical expertise in cloud technologies and machine learning operations to projects that enhance system performance and operational efficiency.

Trisha Banerjee – Data Engineering Specialist

Trisha is skilled in data science with a focus on projects that have a positive societal impact. She is experienced in Python, R, and various cloud platforms including AWS and GCP, with a strong ability in data visualization using Power BI and Tableau. At Astrolabe Analytics, she is working on optimizing data pipelines for time-series data analysis. Trisha has previously led initiatives at Deloitte, focusing on data automation and insights. Her goal is to work on data-driven projects that contribute to environmental sustainability and improved community well-being.

Radhika Sethi - Machine Learning Specialist

Radhika excels in managing large data sets and enhancing machine learning applications in practical, real-time environments. She has developed skills in Python, PyTorch, and TensorFlow, focusing on statistical modeling and data manipulation. Radhika has contributed to several key projects, including optimizing language models for the BabyLlama Project and developing transparency frameworks for AI models at Azure ML. Her current work involves advancing video encoding processes to improve efficiency and accuracy in data processing. Radhika is keen on tackling challenging projects that leverage her analytical abilities and technical acumen.