

**Nishant Goel**

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Dear Hiring Manager,

I am writing to express my interest in the Associate Data Scientist position at United Airlines. With hands-on experience in machine learning, natural language processing, and building end-to-end ML pipelines, I am excited about the opportunity to contribute to United Airlines's mission of delivering trusted insights and analytics.

During my recent six-month AI/ML internship (to be completed next month), I worked on two impactful projects:

- An **AI-powered question-answer generation system** using Hugging Face's Mistral 7B model
- A **multilingual QA and MCQ generator** using LLaMA, designed to process code-mixed input and preserve contextual relevance

In these projects, I developed practical skills in model fine-tuning, pipeline orchestration, and integration using tools such as **FastAPI**, **Streamlit**, **LangChain**, and **transformer models**. I also implemented PDF export capabilities using **PyPDF2**, **Jinja2**, and **ReportLab**, with templates managed in a dedicated templates/ folder and output served from a static/ directory—demonstrating my ability to combine data science with real-world application deployment.

What draws me to United Airlines is its commitment to turning data into actionable intelligence, and I am eager to apply my foundational experience toward solving real-world problems that make a global impact. I'm a fast learner, highly motivated, and enthusiastic about continuously improving my skills in a collaborative environment.

Thank you for considering my application. I would appreciate the opportunity to discuss how I can contribute to your team and further support United Airlines's data-driven initiatives.

Sincerely,

**Nishant Goel**