https://www.arrkgroup.com/job/ai-data-analyst/

AI – Data Analyst (7+ Years, Tech Lead Level)

Description

Overview: We are looking for an experienced **AI Data Analyst** with 7+ years of professional experience, including leadership in tech projects. The ideal candidate should have strong expertise in **Python, Machine Learning, AI APIs,** and **Large Language Models (LLMs)**. Youll work on cutting-edge AI solutions, including vector-based search and data-driven business insights.

Experience: 7+ Years

Job Location: Mahape, Navi Mumbai (Hybrid Work from Office)

Joining: Immediate Joiners Preferred

Experience must include:

- 2+ year of hands-on experience as a Data Analyst.
- 1+ year of practical experience with AI systems (LLMs, AI APIs, or vector-based search).
- 2+ years of experience working with Machine Learning models/solutions.
- 5+ years of hands-on Python programming.
- Exposure to vector databases (e.g., pgvector, ChromaDB) is a plus.

Key Responsibilities:

- Perform data exploration, profiling, and cleaning across large datasets.
- Design, implement, and evaluate machine learning and AI models for business problems.
- Leverage LLM APIs, foundation models, and vector databases to power AI-driven analysis.
- Build end-to-end ML workflows from data preprocessing to deployment.
- Develop visualizations and dashboards for internal reports and presentations.
- Analyze and interpret model outputs, providing actionable insights to stakeholders.
- Collaborate with engineering and product teams to scale AI solutions across business processes.

Required Skills:

Data Analysis:

- 1+ year of hands-on experience working with real-world datasets
- Strong Exploratory Data Analysis (EDA), data wrangling, and visualization using tools like Pandas, Seaborn, or Plotly

Machine Learning & AI:

- 2+ years of experience applying machine learning techniques (classification,

Hiring organization
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regression, clustering, etc.).

- 1+ year of hands-on experience with AI technologies, including Generative AI, LLMs, AI APIs (e.g., OpenAI, Hugging Face), and vector-based search systems.
- Familiarity with model evaluation, hyperparameter tuning, and model selection.
- Exposure to AI-driven analysis, including RAG (Retrieval-Augmented Generation) and other AI solution architectures.

Programming:

- 3+ years of Python programming experience, with proficiency in libraries like scikit-learn, NumPy, Pandas, etc.
- Strong understanding of data structures and algorithms relevant to AI and ML.

Tools & Technologies:

- SQL/PostgreSQL proficiency.
- Experience with vector databases (e.g., pgvector, ChromaDB).
- Exposure to LLMs, foundation models, RAG systems, and embedding techniques.
- Familiarity with AWS, SageMaker, or similar cloud platforms.
- Version control systems knowledge (e.g., Git), REST APIs, and Linux.

Good to Have:

- Experience with Scrapy, SpaCy, or OpenCV
- Knowledge of MLOps, model deployment, and CI/CD pipelines.
- Familiarity with deep learning frameworks like PyTorch or TensorFlow.

Soft Skills:

- Strong problem-solving mindset and analytical thinking.
- Excellent communication skills, capable of presenting technical information clearly to non-technical stakeholders.
- Collaborative, proactive, and self-driven in a fast-paced, dynamic environment.

Contacts
Share your resume with kajal.uklekar@arrkgroup.com**.**