Responsibilities of an ML Engineer

- Study and transform data science prototypes into working solutions.

- Design and construct machine learning systems that meet business needs.

- Research and implement appropriate ML algorithms and tools.

- Develop ML applications according to specific requirements.

- Select datasets and data representation methods suitable for training models.

- Run ML tests and experiments to evaluate model performance.

- Perform statistical analysis and fine-tuning using test results.

- Train and retrain systems when necessary for continuous improvement.

- Extend existing ML libraries and frameworks.

Skills of an ML Engineer

- Strong statistics and mathematics knowledge for analysis and modeling.

- Excellent programming skills (Python, R, Java, or similar).

- Deep understanding of data science principles.

- Knowledge of software engineering practices (version control, modular design, APIs).

- Ability to design scalable and efficient ML solutions.

Tools commonly used

- Programming languages: Python, R, Java, C++

- Libraries & frameworks: TensorFlow, PyTorch, Scikit-learn, Keras, Spark MLlib

- Data tools: Pandas, NumPy, SQL, Hadoop

- Experiment tracking & deployment: MLflow, Docker, Kubernetes

- Cloud platforms: AWS, Azure, GCP

5 Key Requirements from the Job Posting

1. Designing and constructing sophisticated machine learning models.

2. Refining and updating existing systems to improve performance.

3. Possess exceptional skills in statistics and programming.

4. Deep understanding of data science and software engineering principles.

5. Create highly efficient self-learning applications that can adapt and evolve over time.

Machine Learning Engineer

Krishna Enterprise's · Chennai, Tamil Nadu, India (On-site)

We are actively searching for a talented and experienced Machine Learning (ML) Engineer to join our team.

As a Machine Learning Engineer, you will play a crucial role in the development and implementation of cutting-edge artificial intelligence products.

Your responsibilities will involve designing and constructing sophisticated machine learning models, as well as refining and updating existing systems.

In order to thrive in this position, you must possess exceptional skills in statistics and programming, as well as a deep understanding of data science and software engineering principles.

Your ultimate objective will be to create highly efficient self-learning applications that can adapt and evolve over time, pushing the boundaries of AI technology. Join us and be at the forefront of innovation in the field of machine learning.

Responsibilities

Study and transform data science prototypes

Design machine learning systems

Research and implement appropriate ML algorithms and tools

Develop machine learning applications according to requirements

Select appropriate datasets and data representation methods

Run machine learning tests and experiments

Perform statistical analysis and fine-tuning using test results

Train and retrain systems when necessary

Extend existing ML libraries and frameworks

Keep abreast of developments in the field

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