

## **General Interview Questions (5)**

### **Q1. Tell me about yourself.**

#### **Answer:**

I am Pulkit Agrawal, an aspiring Data Analyst with a strong foundation in Artificial Intelligence, Python, SQL, and predictive modeling. I am currently pursuing a Bachelor's degree in Artificial Intelligence and have completed multiple internships in Data Science, UI/UX, and Cybersecurity. Through the Edunet Foundation – AICTE internship, I have strengthened my employability skills, communication, and project-based problem solving. I am passionate about using data and AI to generate meaningful insights and solve real-world problems.

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### **Q2. What are your strengths?**

#### **Answer:**

My key strengths are analytical thinking, continuous learning, and adaptability. I enjoy working with data to identify patterns and insights. I am also proactive in upskilling, which is why I have completed multiple certifications and internships alongside my studies. Additionally, I communicate technical ideas clearly, which helps in teamwork and stakeholder discussions.

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### **Q3. What are your weaknesses?**

#### **Answer:**

Earlier, I used to focus too much on perfecting details, which sometimes slowed my progress. Over time, I learned to prioritize tasks better by setting clear deadlines and focusing on impact rather than perfection. This has improved my productivity and time management.

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### **Q4. Why should we hire you?**

#### **Answer:**

You should hire me because I bring a strong combination of technical skills and practical experience. I have hands-on exposure to data analysis, machine learning, and AI-based projects, along with good communication and teamwork skills. I am quick to learn, adaptable, and motivated to contribute value from day one.

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## **Q5. Where do you see yourself in 5 years?**

### **Answer:**

In five years, I see myself as a skilled Data Analyst or AI professional working on impactful projects. I aim to continuously upskill, take on leadership responsibilities, and contribute to data-driven decision-making in an organization while staying updated with emerging AI technologies.

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## **Behavioral Questions (2)**

### **Q6. Tell me about a time you worked on a challenging project.**

#### **Answer:**

**Situation:** During my Data Science internship at Zidio Development, I worked on a stock market forecasting project.

**Task:** Our task was to predict future stock prices using historical data.

**Action:** I cleaned the dataset, applied time series models like ARIMA and Prophet, and collaborated with my team to evaluate model accuracy.

**Result:** We successfully built a forecasting model that provided reliable predictions and improved my understanding of predictive analytics and teamwork.

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### **Q7. Describe a situation where you had to learn something new quickly.**

#### **Answer:**

**Situation:** During the Edunet Foundation internship, I had to quickly understand AI concepts related to employability and digital literacy.

**Task:** I needed to apply these concepts in presentations and discussions.

**Action:** I referred to learning resources, practiced explaining concepts in simple language, and applied them in assignments.

**Result:** I improved my confidence, communication skills, and understanding of how AI impacts real-world jobs.

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## **Technical Interview Questions (3)**

### **Q8. What is the difference between Machine Learning and Artificial Intelligence?**

#### **Answer:**

Artificial Intelligence is a broader concept where machines are designed to mimic human intelligence. Machine Learning is a subset of AI that focuses on enabling systems to learn patterns from data and improve performance without being explicitly programmed.

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**Q9. How do you handle missing data in a dataset?****Answer:**

Missing data can be handled by removing records, filling values using mean, median, or mode, or applying advanced techniques like interpolation or model-based imputation. The method depends on the nature of the dataset and the impact on analysis.

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**Q10. What is time series analysis and where is it used?****Answer:**

Time series analysis involves analyzing data points collected over time to identify trends, seasonality, and patterns. It is widely used in stock market forecasting, sales prediction, weather forecasting, and demand planning.