**General Questions**

**1. What is this project about?**

It is an AI-based system that helps **banks predict whether to approve or reject a loan application** based on a person's financial details.

**2. Why is AI useful in loan approval?**

✔ AI speeds up the decision-making process.  
✔ It removes **human bias** from approvals.  
✔ AI can analyze **large datasets quickly and accurately**.

**3. What challenges does traditional loan approval face?**

* Takes **too long**
* **Human errors & biases**
* **Inconsistent** decisions

**Dataset & Model Selection Questions**

**4. What factors affect loan approval?**

✔ **Income** – Higher income means a better chance of approval.  
✔ **Credit Score** – A good score (above 700) increases approval chances.  
✔ **Debt-to-Income Ratio** – Lower is better.  
✔ **Employment Type** – Salaried jobs are considered more stable.

**5. Why did you choose Random Forest?**

✔ **Most accurate (91.7%)**  
✔ Works well with **both numbers & text**  
✔ Prevents **overfitting**, unlike Decision Trees

**Tools & Technologies Questions**

**6. What tools did you use in this project?**

✔ **Python** – For coding the AI model  
✔ **Pandas & NumPy** – For handling the data  
✔ **Scikit-Learn** – For applying machine learning algorithms  
✔ **Flask** – To deploy the model as a web application

**7. How did you train your model?**

1. **Collected** loan application data
2. **Cleaned & prepared** the data
3. **Trained** different models (Random Forest, Decision Tree, etc.)
4. **Chose the best model (Random Forest)**

**8. Can this system be used in real banks?**

Yes! By deploying it as a **Flask API**, banks can use it for **real-time loan approvals**.

**Future Scope Questions**

**9. How can this system be improved?**

✔ Include **more financial details** (assets, tax records, etc.)  
✔ Use **Neural Networks** for advanced predictions  
✔ Integrate with **banking software for real-time approvals**

**10. Can this AI system make mistakes?**

Yes, if trained on **biased data**. We can fix this by using **diverse training datasets** for fair decisions.