**Peer Review Group 10**

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**1. Problem Clarity:**

The problem is clearly defined, aiming to predict lung cancer risk using patient data, focusing on early detection for improved outcomes.

**2. Suggestions for better clarity:**

Expand on how the model’s predictions will be used in clinical practice, providing real-world applications for better understanding.

**3. Relevance of chosen techniques:**

The selected techniques, including logistic regression, decision trees, random forests, and gradient boosting, are appropriate for this predictive task.

**4. Recommendations for enhancing the approach:**

Consider adding neural networks to explore more complex patterns or relationships in the data.

**5. Success metrics:**

The success criteria, including accuracy, precision, recall, and F1-score, are well-chosen for evaluating the model’s effectiveness in medical predictions.

**6. Suggestions for refining success criteria:**

Set specific target values for each metric to better quantify the model’s success.

**7. Project timeline evaluation:**

The timeline is well-structured, covering data collection, feature engineering, and model evaluation with clear deadlines.

**8. Suggestions to improve the timeline:**

Add buffer time for potential challenges, especially during data preprocessing and model tuning.

**9. Additional feedback:**

Including a discussion on how feature engineering will handle missing data and the possibility of incorporating ethical considerations for patient data would strengthen the proposal.

**10. Overall rating:**

⭐⭐⭐⭐ – A well-structured project with appropriate methods, though additional focus on real-world application and data ethics would enhance it.