Name of educator	**Gaurav Mandloi**
Title of Project	**Machine Learning Model for Auto Insurance Industry**

	Question	Options-provide 4 options **All of the above and None of the above Strictly not allowed**	Correct answer
Q1	**1. Which of the following metrics is most appropriate for evaluating a model in an imbalanced classification problem, like predicting auto insurance claims?**	A) Accuracy B) Precision C) F1-Score D) Mean Squared Error	**C) F1-Score**
Q2	**2. In the data preprocessing stage, what is the primary reason for handling missing values?**	A) To improve data visualization B) To ensure the model can interpret all input data C) To increase the number of features D) To reduce the dimensionality of the dataset	**B) To ensure the model can interpret all input data**
Q3	**3. Which technique is commonly used to address class imbalance in datasets?**	A) Feature Engineering B) Data Scaling C) Oversampling the minority class D) Removing duplicate records	**C) Oversampling the minority class**
Q4	**4. When deploying a machine learning model on Nimbus, what is the main benefit of using a cloud environment?**	A) Real-time prediction capability B) Reducing the size of the dataset C) Improving model interpretability D) Eliminating the need for	**A) Real-time prediction capability**

		preprocessing	
Q5	**5. Which of the following machine learning algorithms is typically more effective with structured tabular data, such as an insurance dataset with multiple features?**	A) Convolutional Neural Network (CNN) B) Recurrent Neural Network (RNN) C) Random Forest D) Generative Adversarial Network (GAN)	**C) Random Forest**