**DATA INSIGHTS**

PROJECT

USING

MACHINE LEARNING

Project Team: -**GROUP 9**

DEVESH UPADHYAY

RITESH KUMAR SINGH

SHAILENDRA SINGH KANSHANA

SUNNY KUMAR

ASHISH SENGAR

AKASH RATHOUR

***Under The Guidance of Mr. Rahul Pradhan sir***

**DECLERATION**

*We hereby declare that the work which is a project based on ML, in partial fulfillment of the requirements for the award of the Bachelor of Technology and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of our own work carried under the supervision of Mr. Rahul Pradhan, Assistant Professor of Computer Engineering Department. The contents of this project report, in full or in parts, have not been submitted to any other institute or university for the award of any degree.*

**CERTIFICATE**

This is to certify that the above statements made by the candidates are correct to the best of my/our knowledge and belief.

***Roll No. NAMES***

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**Mr. Rahul Pradhan**

**ACKNOWLEDGEMENT**

*The satisfaction which accompanies the successful completion of the project is incomplete without the mention of a few names. We take this opportunity to acknowledge the efforts of the many individuals who helped us to make this project possible. Firstly, we would like to express our heartfelt appreciation and gratitude to our project guide* ***Mr. Rahul Pradhan****, Assistant Professor,* ***Computer Engineering Department****. His vision and execution aimed at creating a structure, definition and realism around the project and fostered the ideal environment for us to learn and do. This project is a result of his teaching, encouragement and inputs in the numerous meetings he had with us, despite his busy schedule. We would like to extend our immense gratitude to respected* ***Mr. Rahul Pradhan*** *who leads us the way through his fruitful way of teaching and explaining to our fellow mates. The experience was novel one and we would like to thank all the people, who have let their valuable time for the completion of the report. Without their consideration it would have been difficult to complete the report.*

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**INTRODUCTION**

1 - What is Pima dataset?

2 - DATA PREPROCESSING?

**Ans – 1**

**This dataset is originally from the National Institute of Diabetes and Digestive and Kidney Diseases. The objective of the dataset is to diagnostically predict whether or not a patient has diabetes, based on certain diagnostic measurements included in the dataset.**

**Ans – 2**

Data preprocessing in Machine Learning refers to the technique of preparing (cleaning and organizing) the raw data to make it suitable for a building and training Machine Learning models.