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| Name of the Student | Bryan Menezes |
| Internship Project Topic | Classification Model for Drug trial |
| Industry Mentor | Dr. Pradheep |
| Institute Name | CSMU-Chhatrapati Shivaji Maharaj University |

TCS iON Remote internship

RIO-210

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| Date | Day | Hour Spent |
|  | DAY 1 | 3.5 |
| Activities done today--Learning about the project the objectives and requirements:  Introduction to the Project:  The Objective of this project is to build a classification model that classifies the side effects of a particular drug by age, gender and race.  We are to create a model that classifies the trail data of drug based on their age, gender and race. We are to also create a data set of 4,00,000 patients containing the following details for each patient:   * Name * Age * Gender * Race * Side effect   In the end of this project, we are to be able to do the following:   * Create a dataset that contains the required details in each entry. * Clean the dataset. * Sanitize the dataset. * Preprocess the data to perform data partitioning and handling missing values. * Create training and testing sets. * Build a classifier and fit the data to the model. * Check the accuracy of the model and measure its effectiveness.   Resources need for the projects:   * Working internet connection. * Operating Systems: Windows /Linux/MacOS * Any decent IDE for developing E.g.- VSCode, etc. * Sary software package required to build the application. * GitHub account. | | |