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| **Project ID** |
| CSIN2023-0429 |
| **Project title** |
| CROP PRICE AND SELLING PLACE PREDICTOR |
| **Problem definition** |
| Agriculture sector is a main occupation for most of the people in India. But it is quite common that most of the farmers in rural areas are non-tech people. So the agricultural sector needs more support for its development in developing countries like India.  We observed that many farmers are selling their crops with lower profits without knowing the actual price of the crop and getting huge losses. Sometimes, these pressures leads to suicides. |
| **Proposed solution** |
| By considering various parameter like Season, Temperature, Location, Month, Either the disaster occurred or not and quality of the crop, we predict the price and provide the market details that buys the crop with high price compared to other markets. |
| **Innovation aspect in the proposed solution** |
| We can get the quality of the product by scanning the crop using mobile app. Based on the quality and some parameters, it will  predict the price of crop and provides nearby market location which is giving highest price. |
| **Specific outputs of the project** |
| These are some of the screenshots of implemented project. |

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| **Technology and Platform** |
| Python , Machine Learning, Android Studio. |
| **Current status of implementation** |
| We built the machine learning model, i.e., included in the above section. And currently, we are working on building a mobile application. |

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| **DETAILS** | | | | |
| Name of the College | | Lakireddy Bali Reddy College Of Engineering | | |
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