

## **Problem Solution fit:**

Agriculture is the backbone of the Indian Economy. In India, the majority of the farmers are not getting the expected crop yield due to several reasons. The agricultural yield primarily depends on weather conditions. Rainfall conditions also influence rice cultivation. In this context, the farmers necessarily require timely advice to predict the future crop productivity and analysis is to be made in order to help the farmers to maximize the crop production of their crops. Yield prediction is an important agricultural problem. Every farmer is interested in knowing, how much yield he is about to expect. In the past, yield prediction was performed by considering a farmer's previous experience with a particular crop. The volume of data is enormous in Indian agriculture. The data when become information is highly useful for many purposes.