Model Development Phase Template

Date	03 June 2024
Team ID	739676
Project Title	Harvesting Brilliance: A Taxanomic Tale of Pumpkin Seeds Varieties
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Seed Weight	The weight of an individual pumpkin seed in grams	Yes	Selected because weight is a crucial factor in determining the quality and classification of pumpkin seeds
Seed Color	The colour of the Pumpkin seed	Yes	Selected because color can indicate variety and potential anomalies.
Germination Rate	The rate at which seeds successfully germinate	Yes	Selected to assess the viability and quality of different pumpkin seed varieties.
Seed Shape	The shape of the pumpkin seed	No	Excluded because shape data is subjective and inconsistent
Seed Length	The length of the pumpkin seed in millimeters	Yes	Selected as it can be correlated with other physical attributes like weight and variety