

Project Design Phase-I
Proposed Solution

Date	06 May 2023
Team ID	NM2023TMID08945
Project Name	Classification analysis project on uncovering the hidden treasures of the Mushroom Kingdom

Proposed Solution :

The proposed solution for the classification analysis project on uncovering the hidden treasures of the Mushroom Kingdom is to gather data related to different types of mushrooms found in the kingdom. This data may include features such as the shape, color, texture, and size of the mushrooms as well as their geographic location, seasonality, and habitat.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Classification analysis project on uncovering the hidden treasures of the Mushroom Kingdom
2.	Idea / Solution description	Applying the machine language to the classification analysis project on uncovering the hidden treasures of the Mushroom kingdom
3.	Novelty / Uniqueness	To solve the problems of classification analysis in this project, we can use various techniques of machine learning such as decision trees, random forests, support vector machines, and neural networks. These algorithms can be trained on a dataset of mushroom samples, each labelled with its corresponding species and various physical characteristics
4.	Social Impact / Customer Satisfaction	First and foremost, this type of technology can lead to advancements in the field of mycology, as the analysis of different mushroom species can reveal previously unknown properties and uses.
5.	Business Model (Revenue Model)	In order to achieve this goal, a comprehensive business model will need to be developed that incorporates classification analysis. The business model will outline the key activities and processes necessary to effectively identify and extract the hidden treasures in the Mushroom Kingdom.
6.	Scalability of the Solution	The objective of the classification analysis project is to uncover hidden treasures or patterns in the Mushroom Kingdom dataset. The dataset contains information about various

		types of mushrooms, their physical attributes, and whether they are edible or poisonous. This project aims to classify the mushrooms accurately based on their physical characteristics and create an AI-powered solution that can detect and classify mushrooms in real-time.
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