# Mushrooms Data Dictionary:

**Mushroom ID (Numerical)**

Description: A unique identifier for each mushroom entry.

Data Type: Integer

Example Values: 1, 2, 3, ...

**Cap Shape (Categorical)**

Description: The shape of the mushroom cap.

Data Type: String

Example Values: 'bell', 'conical', 'convex', 'flat', 'sunken'

**Cap Color (Categorical)**

Description: Color of the mushroom cap.

Data Type: String

Example Values: 'brown', 'yellow', 'white', 'gray', 'red'

**Gill Size (Categorical)**

Description: Size of the mushroom gills.

Data Type: String

Example Values: 'broad', 'narrow'

**Stalk Shape (Categorical)**

Description: Shape of the mushroom stalk.

Data Type: String

Example Values: 'enlarging', 'tapering'

**Habitat (Categorical)**

Description: The habitat where the mushroom grows.

Data Type: String

Example Values: 'woods', 'grasses', 'paths', 'leaves', 'urban'

**Edibility (Categorical)**

Description: Indicates whether the mushroom is edible or poisonous.

Data Type: String

Example Values: 'edible', 'poisonous'

**Market Demand (Numerical)**

Description: A numerical score representing the market demand for the mushroom type.

Data Type: Integer

Example Values: 1 - 10

**Spore Print Color (Categorical)**

Description: Color of the mushroom spore print.

Data Type: String

Example Values: 'black', 'brown', 'white', 'orange', 'yellow'

**Population (Categorical)**

Description: Population density of the mushroom type.

Data Type: String

Example Values: 'abundant', 'scattered', 'solitary', 'several', 'numerous'

**Odor (Categorical)**

Description: The odor of the mushroom.

Data Type: String

Example Values: 'almond', 'anise', 'creosote', 'foul', 'musty'

**Bruising (Categorical)**

Description: Whether the mushroom shows bruising.

Data Type: String

Example Values: 'Yes', 'No'

**Ring Type (Categorical)**

Description: Type of ring on the mushroom.

Data Type: String

Example Values: 'pendant', 'evanescent', 'flaring', 'none'

**Stalk Surface Above Ring (Categorical)**

Description: Surface type above the ring on the stalk.

Data Type: String

Example Values: 'smooth', 'silky', 'fibrous', 'scaly'

**Stalk Surface Below Ring (Categorical)**

Description: Surface type below the ring on the stalk.

Data Type: String

Example Values: 'smooth', 'silky', 'fibrous', 'scaly'

**Stalk Color Above Ring (Categorical)**

Description: Color of the stalk above the ring.

Data Type: String

Example Values: 'white', 'brown', 'gray', 'pink', 'orange'

**Stalk Color Below Ring (Categorical)**

Description: Color of the stalk below the ring.

Data Type: String

Example Values: 'white', 'brown', 'gray', 'pink', 'orange'

**Veil Type (Categorical)**

Description: Type of veil on the mushroom.

Data Type: String

Example Values: 'partial', 'universal'

**Veil Color (Categorical)**

Description: Color of the veil.

Data Type: String

Example Values: 'white', 'brown', 'orange', 'yellow'

**Growth Rate (Numerical)**

Description: Growth rate of the mushroom.

Data Type: Float

Example Values: 0.5 - 5.0

**Inspection Date (Date)**

Description: Date to certifying mushroom cultivation complies to international standards .

Data Type: Date

Format: DD/MM/YYYY

Example Values: 2/11/2023

**Incubation Date (Date)**

Description: Date to indicate the process of culture favorable for growth.

Data Type: Date

Format: DD/MM/YYYY

Example Values: 2/11/2023

**Temperature (Numerical)**

Description: Temperature during Incubation process

Data Type: Float

Example Values: -10 to 50

**Measurement (Categorical)**

Description: Temperature Scale

Data Type: String

Example Values: F, C, K