HSN Code Validation Agent – Report

**Overview:**

This project implements an intelligent agent to validate **HSN (Harmonized System of Nomenclature) codes** using a master dataset in Excel. It is built using **Python + Flask** and follows Google’s **Agent Development Kit (ADK)** design principles.

The agent validates codes based on format and existence, displays results to the user, and maintains session-level memory of all validated codes.

**Objectives:**

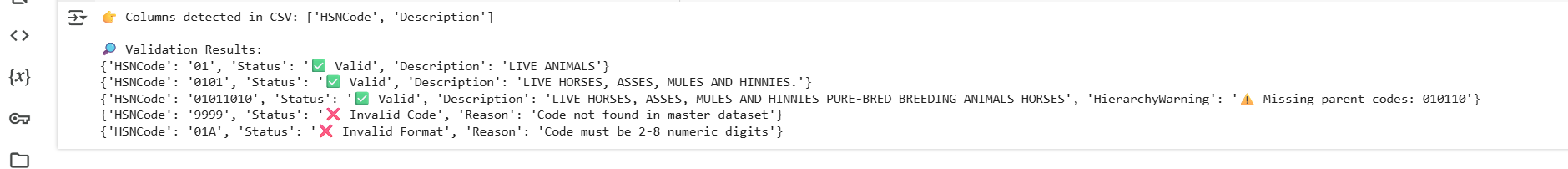
* Validate user-provided HSN codes against an official master dataset.
* Follow ADK concepts: **Intents**, **Entities**, **Tools**, **Memory**, and (optional) **Reasoning**.
* Provide a simple, clean web UI using Flask and HTML.
* Maintain memory of all codes validated in a session.

**Program :**

A screenshot of a computer

AI-generated content may be incorrect.

**Output:**

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