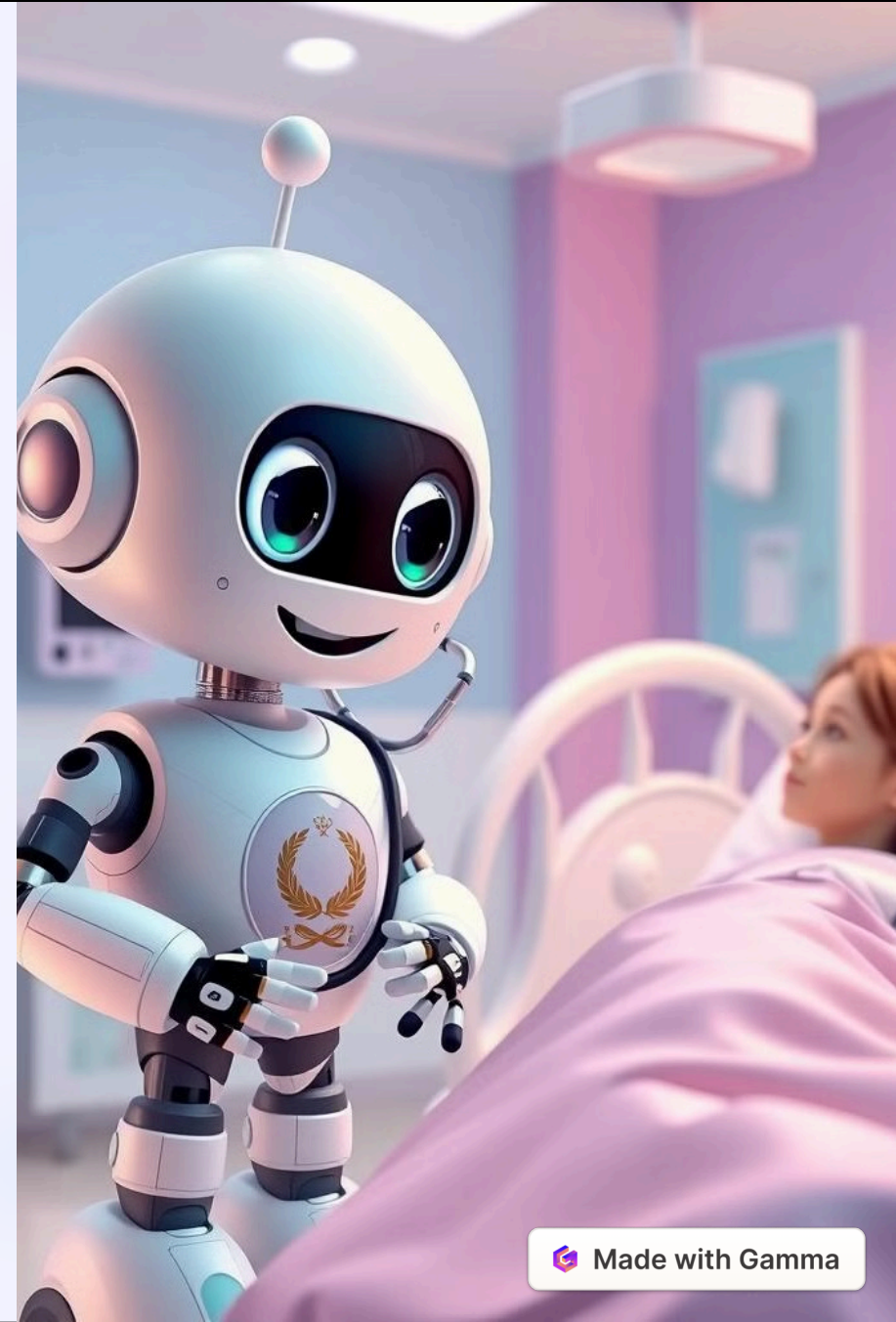


Introducing MediCurious: An LLM for Medical Insights

Introducing MediCurious, a Large Language Model (LLM) designed to simplify access to reliable medical information in an era where data is abundant but often overwhelming.

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"AI will not replace doctors, but doctors who use
AI will replace those who don't"

The Problem: Limitations of GPT-4o in Medicine



Is Avandia still prescribed for type 2 diabetes?

Yes, **Avandia** (rosiglitazone) is still prescribed for type 2 diabetes in some cases, but it is used with caution. Here's why:

I feel tired all the time and sometimes get shortness of breath. What could it be?

I'm sorry to hear you're feeling that way! While I'm not a doctor, constant fatigue and shortness of breath can have several potential causes, ranging from relatively minor to more serious conditions. Here are a few possibilities:

1. **Anemia** – A common condition where your body doesn't have enough healthy red blood cells to carry oxygen, leading to fatigue and breathlessness.
2. **Iron or Vitamin Deficiencies** – Low iron, vitamin B12, or folate levels can contribute to exhaustion and shortness of breath.
3. **Stress or Anxiety** – Mental health conditions can sometimes cause physical symptoms, including fatigue and difficulty breathing.
4. **Thyroid Issues** – Both hypothyroidism (underactive thyroid) and hyperthyroidism (overactive thyroid) can cause fatigue and breathing issues.
5. **Asthma or Allergies** – These can cause shortness of breath, especially during physical activity.
6. **Heart or Lung Conditions** – More serious causes could include heart disease, arrhythmias, or conditions like chronic obstructive pulmonary disease (COPD).
7. **Sleep Apnea** – Interrupted breathing during sleep can lead to daytime fatigue and shortness of breath.



I'm breastfeeding and have a cold. Can I take Sudafed to relieve my nasal congestion?

Edit message

Sudafed (**pseudoephedrine**) is a common decongestant that can be used during breastfeeding, but there are a few important considerations to keep in mind:

Data Sources

Medication Guides

.CSV file about drug information

Symptom - Diagnosis Dataset

Symptom and diagnosis combination dataset.

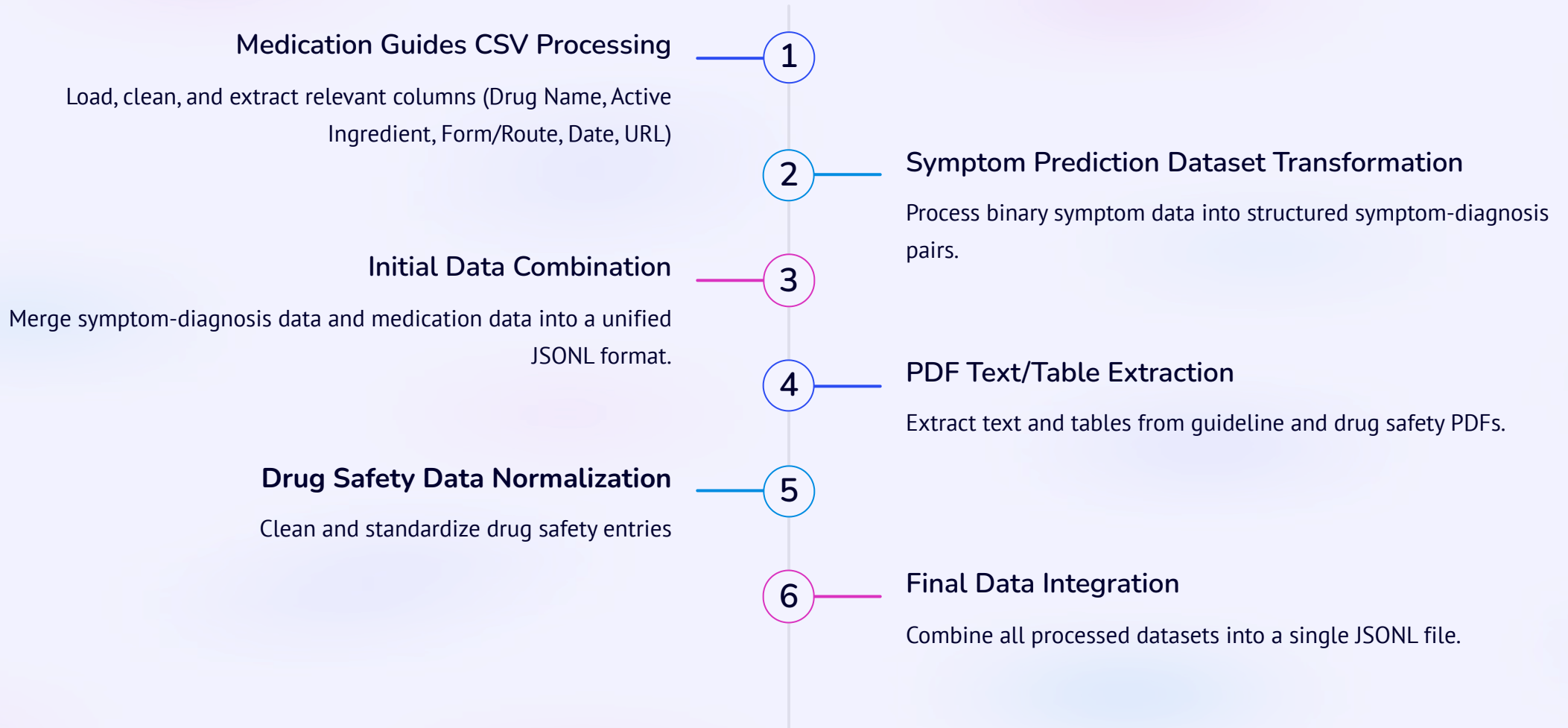
Drug Safety Database

Detailed information on approved prescription drugs

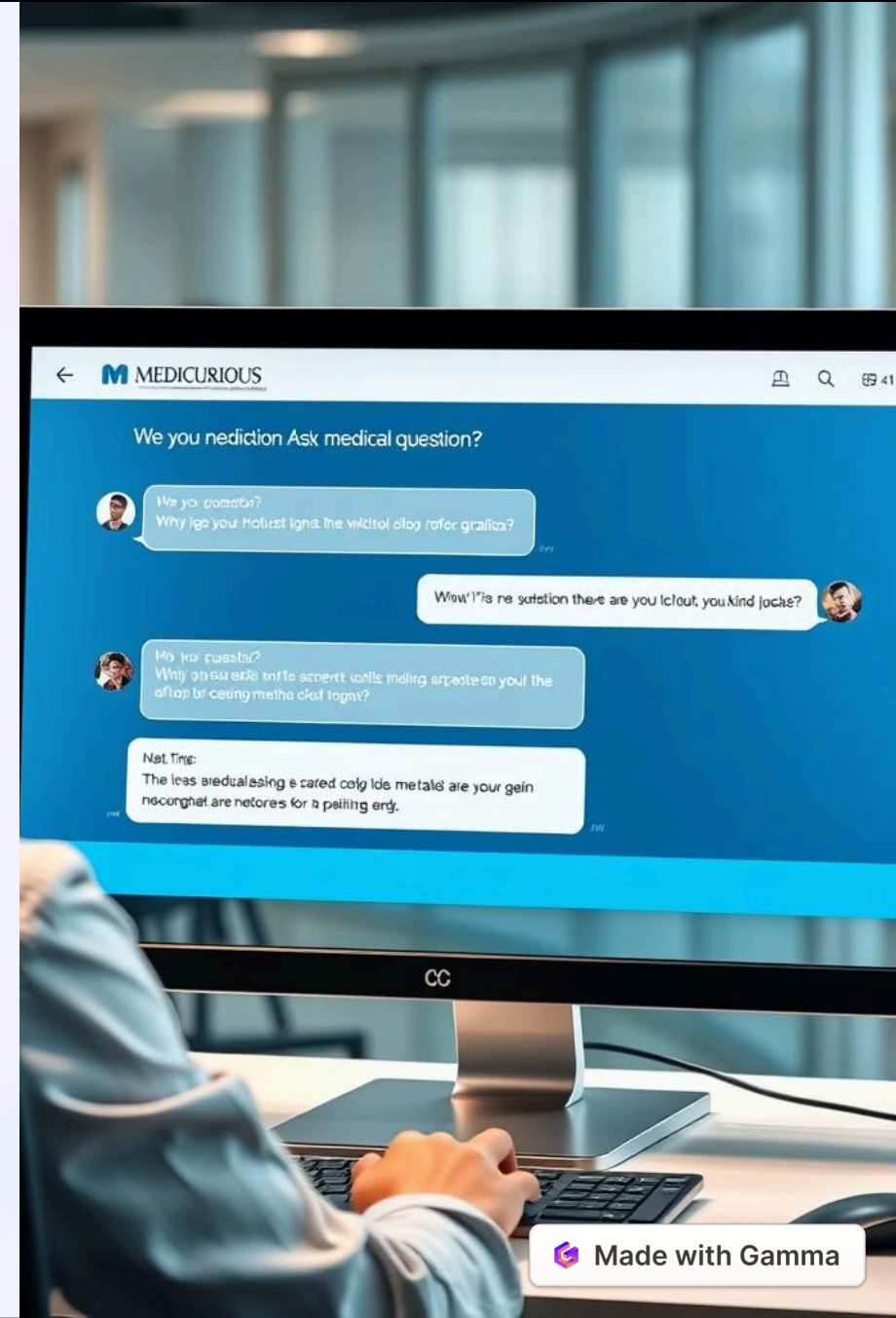
Clinical Guidelines

General clinical guidelines - medicine, treatment plan.

Data Preprocessing: Step-by-Step Transformation to JSON



Live Demo: Medicurious in Action





Evaluation Criteria: Measuring Performance and Reliability