



# Medical Language Models – Private API Endpoints

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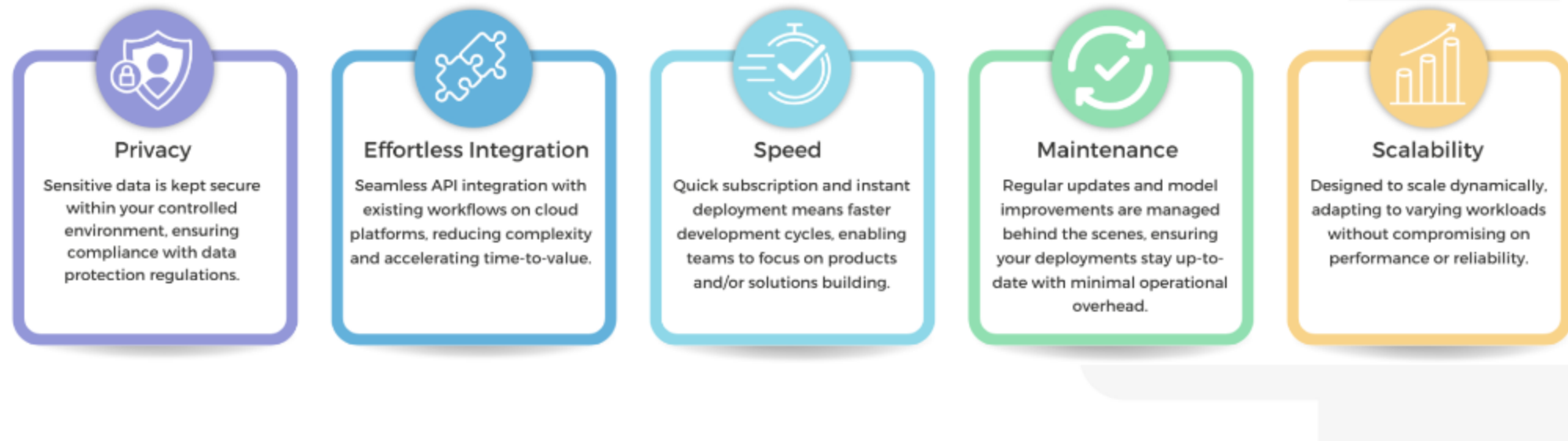
**Team Lead, Integrations**

# Agenda

1. JSL Models as API Endpoints
2. Private API Endpoints – AWS Marketplace
3. Private API Endpoints – Snowflake Marketplace
4. On - premise deployment – Medical JSL LLMs



# JSL Models as API Endpoints









[Models Hub – John Snow Labs](#)

# Private API Endpoints - AWS



1. 50+ Endpoints available & counting
  - Medical LLMS
  - Deidentification ( 8 languages)
  - Medical Translation
  - Entity, Relation, Assertion Detection
2. No JSL License Required
3. No Code Deployment
4. Runs on Your AWS Infrastructure
5. Real-time inference and batch transform jobs
6. Integration with other AWS Services

	<b>Medical LLM - Medium</b> By <a href="#">John Snow Labs</a>   Ver 5.4.7  <b>Free Trial</b> Trained on diverse medical texts, this model excels in summarizing, answering complex clinical questions, and transforming clinical notes, patient encounters, and medical reports into concise summaries. Its question-answering capability ensures context-specific responses, enhancing decision-making...
	<b>Clinical De-identification for Romanian</b> By <a href="#">John Snow Labs</a>   Ver 5.5.4  <b>Free Trial</b> The Clinical De-Identification model is designed to recognize and anonymize PHI in Romanian-language clinical notes. It employs state-of-the-art natural language processing techniques to detect sensitive information such as patient names, addresses, medical record numbers, and other identifiers....
	<b>Medical LLM - Small</b> By <a href="#">John Snow Labs</a>   Ver 5.4.3  <b>Free Trial</b> Trained on diverse medical texts, this model excels in summarizing, answering complex clinical questions, and transforming detailed clinical notes, patient encounters, and various medical reports into concise, digestible summaries. The summarization feature boosts efficiency while preserving...

# Private API Endpoints - Snowflake



1. 40+ Endpoints available & counting
  - Medical LLMS
  - Deidentification ( 8 languages)
  - Entity, Relation, Assertion Detection
2. No JSL License Required
3. No Code Deployment
4. Runs on Your Snowflake Compute Pool
5. Provides SQL functionality
6. Streamlit apps
7. Runs via Snowflake Native Apps

[John Snow Labs | Snowflake Marketplace](#)



## Medical LLM - Medium

John Snow Labs

Use for chat, RAG, medical summarization, open-book question answering with context of up to 8K tokens.

Trained on diverse medical texts, this model excels in summarizing, answering complex clinical questions, and transforming detailed clinical notes, patient encounters, and various medical reports into concise, ...

⚡ Instantly accessible



## Extract clinical risk factors

John Snow Labs

Identify key risk factors from medical documents

This model is an efficient solution for the automatic detection and classification of prominent risk factors in patient histories and clinical notes. This model utilizes cutting-edge natural language processing ...

⚡ Instantly accessible



## Detect cancer genetics

John Snow Labs

Extract biological and genetics entities from medical texts

This model extracts biological and genetics entities from medical texts to enhance therapeutic research, early diagnosis, and personalized care, driving forward data-driven medical advancements. Use the ...

⚡ Instantly accessible

# On-premise deployment – Medical JSL LLMs

1. JSL License Required.
2. Open AI Compatible Endpoints
3. Supported JSL Models (For Now)
  - Medical LLM 7B
  - Medical LLM 10B
  - Medical LLM 14B
  - Medical LLM 24B
  - Medical LLM Small
  - Medical LLM Medium
  - Medical Reasoning LLM - 14B
  - Medical Reasoning LLM - 32B

```
docker pull johnsnowlabs/jsl-llms
```

```
docker run -d \  
  --gpus all \  
  -v "$(pwd)/license.json:/app/license.json" \  
  -p 8080:8080 \  
  --ipc=host \  
  johnsnowlabs/jsl-llms \  
  --model Medical-LLM-7B \  
  --port 8080
```

# Get Started



**Free Trial**



**Subscribe**

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[Medical LLMs](#)

[AWS Marketplace: Search Results](#)

[John Snow Labs | Snowflake Marketplace](#)

[On-premise Deployment](#)



# Any Queries ?



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