## Lowering the Barrier to Al

#### @AI Tinkerers Ottawa Brett Tackaberry

August 20, 2024

Google Cloud

#### **Speaker introduction**



Digital solutions for 20+ years in Ottawa.

CTO at Rebel.com (domain names, hosting, etc) Small digital agencies

Might see me at Ottawa Civic Tech, Climate tech, Javascript, occasionally Invest Ottawa meetups

Ran Random Hacks of Kindness

Brett Tackaberry

Principal Architect

Google Cloud Canada Public Sector

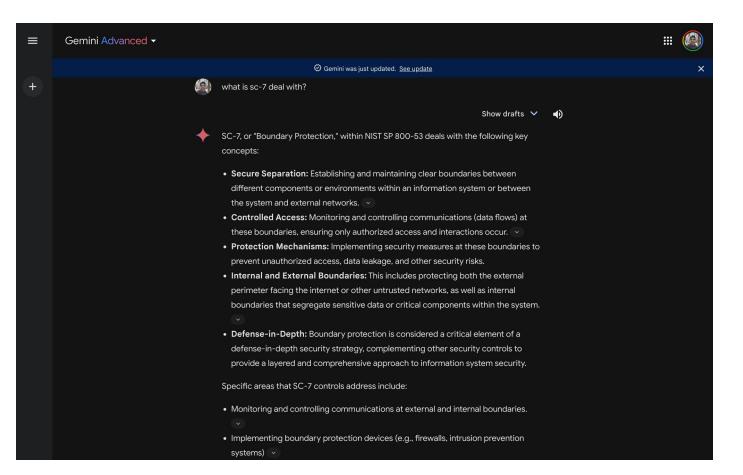
#### Why?

01

Demos

Gemini - Free and Advanced	
Gen Al Studio	Z
Vertex Al Studio	Z
Agent Builder	Z

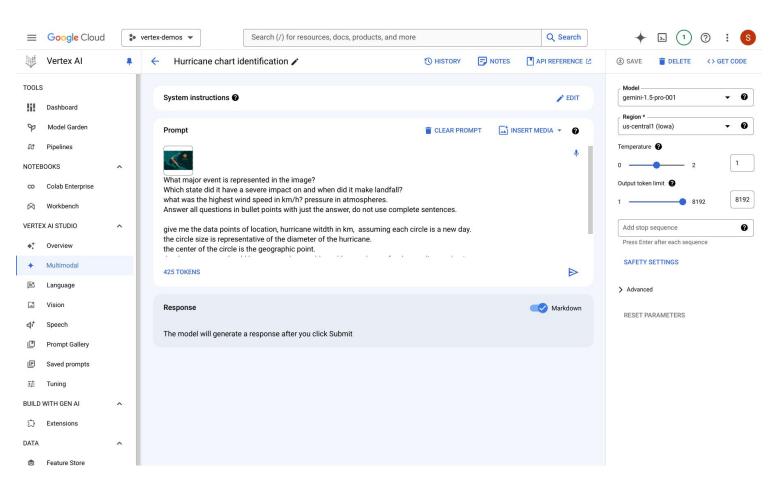
#### Gemini



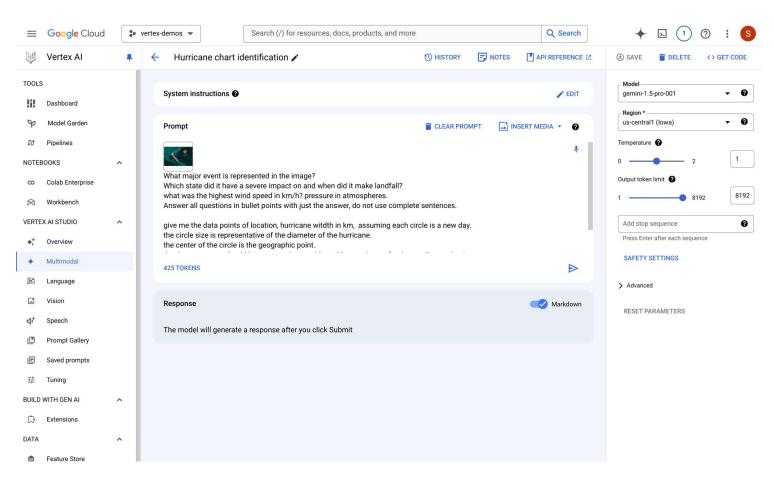
## **Google Al Studio**

Google Al Studio	Brett Tackaberry 🥒		Save ↔ Get code :
c∞ Get API key	Insert: 🖬 Image		Run settings Reset
Get API key     Get API key     Get API key	Very Friendly tone. Slightly Canadian		Ø Model Gemini 1.5 Pro ▼
X New tuned model	9 / 500 examples	Actions +	
<ul> <li></li></ul>	INPUT input:	OUTPUT output:	⑦ <sup>+</sup> Token Count 263 / 2,097,152
	Who is Brett Tackaberry?	He is a widely know cloud professional.	
Crypto	Where does he live	He lives in Ottawa, Ontario, Canada	↓ <sup>±</sup> Temperature
View all	What notable speaking engagements has he talked at	He spoke at AI Tinkerers on Aug 20 at Bayview yards.	
🔁 Documentation	Where did he go to university	Carleton university	{ } JSON mode
<ul> <li>Prompt gallery</li> <li>Gemini cookbook</li> <li>Discourse forum</li> <li>Build with Vertex Al on Google Cloud</li> </ul>	What hackathon did he run	He ran random hacks of kindness, a hackathon for social 🔅 good.	<> Code execution
	What are some of his hobbies	He likes to garden, play hockey, he has kids.	<b>—</b>
	What's brett's favourite music	Brett likes punk rock and roll. He likes to attend music shows and concerts too. Sometime festivals.	<ul> <li>Safety settings</li> <li>Edit safety settings</li> </ul>
	What's brett's favourite music	He likes foo fighters, rush, and the beaches.	✓ Advanced settings
	What is the best way to get downtown?	Transit is good. Riding bikes is even better. E-bikes are the future.	

#### **Vertex Al**



### **Agent Builder**



#### Gen Al Labs: Ottawa

Join us for an immersive, hands-on experience with the latest generative AI tools and techniques.

September 17, 2024 8:30 AM-1:30 PM EDT

National Arts Centre - O'Born Room

https://inthecloud.withgoogle.com/google-cloud-labs-ottawa/register.html



#### Google Cloud

# Thank you

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