POST

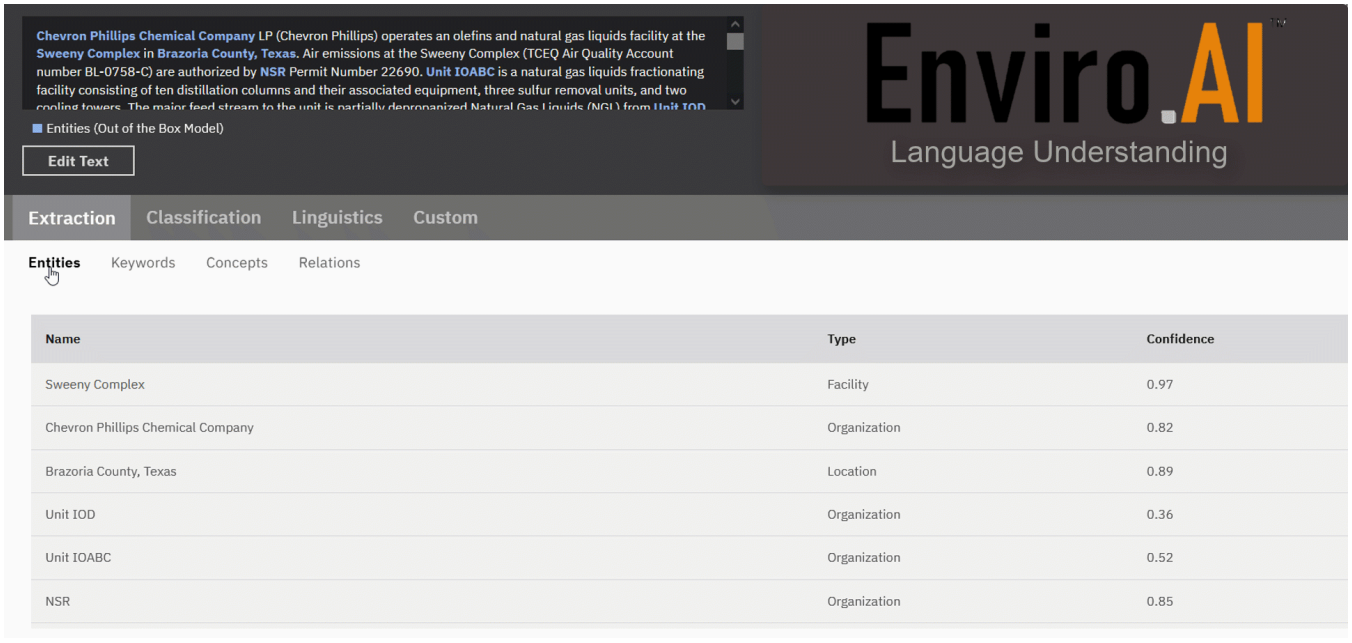
Can a computer begin to take apart and understand an environmental permit?

January 17, 2022

… not only 1 of them … all of them. Watch!

Seeing is believing …

Watch our robot begin to take apart and understand an environmental permit.



Scary huh?

Incredibly cool huh?

---“I would highly recommend following this leader board.”

- Jed Anderson, CEO, EnviroAI

Leaderboard Version: **2.0**

	Rank	Name	Model	URL	Score	BoolQ	CB	COPA	MultiRC	ReCoRD	RTE	WiC	WSC	AX-b	AX-g
	1	Liam Fedus	SS-MoE		91.0	92.3	96.9/98.0	99.2	89.2/65.2	95.0/94.2	93.5	77.4	96.6	72.3	96.1/94.1
	2	Microsoft Alexander v-team	Turing NLR v5		90.9	92.0	95.9/97.6	98.2	88.4/63.0	96.4/95.9	94.1	77.1	97.3	67.8	93.3/95.5
	3	ERNIE Team - Baidu	ERNIE 3.0		90.6	91.0	98.6/99.2	97.4	88.6/63.2	94.7/94.2	92.6	77.4	97.3	68.6	92.7/94.7
+	4	Zirui Wang	T5 + UDG, Single Model (Google Brain)		90.4	91.4	95.8/97.6	98.0	88.3/63.0	94.2/93.5	93.0	77.9	96.6	69.1	92.7/91.9
+	5	DeBERTa Team - Microsoft	DeBERTa / TuringNLRv4		90.3	90.4	95.7/97.6	98.4	88.2/63.7	94.5/94.1	93.2	77.5	95.9	66.7	93.3/93.8
	6	SuperGLUE Human Baselines	SuperGLUE Human Baselines		89.8	89.0	95.8/98.9	100.0	81.8/51.9	91.7/91.3	93.6	80.0	100.0	76.6	99.3/99.7
+	7	T5 Team - Google	T5		89.3	91.2	93.9/96.8	94.8	88.1/63.3	94.1/93.4	92.5	76.9	93.8	65.6	92.7/91.9
+	8	Huawei Noah's Ark Lab	NEZHA-Plus		86.7	87.8	94.4/96.0	93.6	84.6/55.1	90.1/89.6	89.1	74.6	93.2	58.0	87.1/74.4
+	9	Alibaba PAI&ICBU	PAI Albert		86.1	88.1	92.4/96.4	91.8	84.6/54.7	89.0/88.3	88.8	74.1	93.2	75.6	98.3/99.2
+	10	Infosys : DAWN : AI Research	RoBERTa-iCETS		86.0	88.5	93.2/95.2	91.2	86.4/58.2	89.9/89.3	89.9	72.9	89.0	61.8	88.8/81.5
+	11	Tencent Jarvis Lab	RoBERTa (ensemble)		85.9	88.2	92.5/95.6	90.8	84.4/53.4	91.5/91.0	87.9	74.1	91.8	57.6	89.3/75.6
	12	Zhuiyi Technology	RoBERTa-mtl-adv		85.7	87.1	92.4/95.6	91.2	85.1/54.3	91.7/91.3	88.1	72.1	91.8	58.5	91.0/78.1
	13	Facebook AI	RoBERTa		84.6	87.1	90.5/95.2	90.6	84.4/52.5	90.6/90.0	88.2	69.9	89.0	57.9	91.0/78.1
+	14	Anuar Sharafudinov	AILabs Team, Transformers		82.6	88.1	91.6/94.8	86.8	85.1/54.7	82.8/79.8	88.9	74.1	78.8	100.0	100.0/100.0
+	15	CASIA	INSTALL(ALBERT)-few-shot		76.6	78.4	85.9/92.0	85.6	75.9/35.1	84.3/83.5	74.9	60.9	84.9	-0.4	100.0/50.0
	16	Rakesh Radhakrishnan Menon	ADAPET (ALBERT) - few-shot		76.0	80.0	82.3/92.0	85.4	76.2/35.7	86.1/85.5	75.0	53.5	85.6	-0.4	100.0/50.0
+	17	Timo Schick	iPET (ALBERT) - Few-Shot (32 Examples)		75.4	81.2	79.9/88.8	90.8	74.1/31.7	85.9/85.4	70.8	49.3	88.4	36.2	97.8/57.9
	18	Adrian de Wynter	Bort (Alexa AI)		74.1	83.7	81.9/86.4	89.6	83.7/54.1	49.8/49.0	81.2	70.1	65.8	48.0	96.1/61.5
	19	IBM Research AI	BERT-mtl		73.5	84.8	89.6/94.0	73.8	73.2/30.5	74.6/74.0	84.1	66.2	61.0	29.6	97.8/57.3
	20	Ben Mann	GPT-3 few-shot - OpenAI		71.8	76.4	52.0/75.6	92.0	75.4/30.5	91.1/90.2	69.0	49.4	80.1	21.1	90.4/55.3
	21	SuperGLUE Baselines	BERT++					73.8	70.0/24.1	72.0/71.3	79.0	69.6	64.4	38.0	99.4/51.4

Click on a submission to see more information

Google Trains 280 Billion Parameter AI Language Model Gopher (January 4, 2022)

OpenAI Announces GPT-3 AI Language Model with 175 Billion Parameters (June 2, 2020)

Microsoft DeBERTa surpasses human performance on the SuperGLUE benchmark
Published January 6, 2021

Microsoft and Nvidia join up to train massive AI-powered language model – Megatron Turing 530 Billion Parameters – October 12, 2021

Baidu And PCL Team Introduce ERNIE 3.0 Titan: A Pre-Training Language Model With 260 Billion Parameters (December 29, 2021)

Google Brain's Switch Transformer Language Model Packs 1.6-Trillion Parameters (January 1, 2021)

Baidu's ERNIE 3.0 AI Model Exceeds Human Performance on Language Understanding Benchmark

OpenAI's WebGPT Crawls a Text-Based Web Environment to Achieve Human-Level Performance on Long-Form QA (December 20, 2021)

Naver announced a model called HyperCLOVA, with 204 billion parameters. (September 20, 2021)

We Might See A 100T Language Model In 2022 **(December 22, 2021)**

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