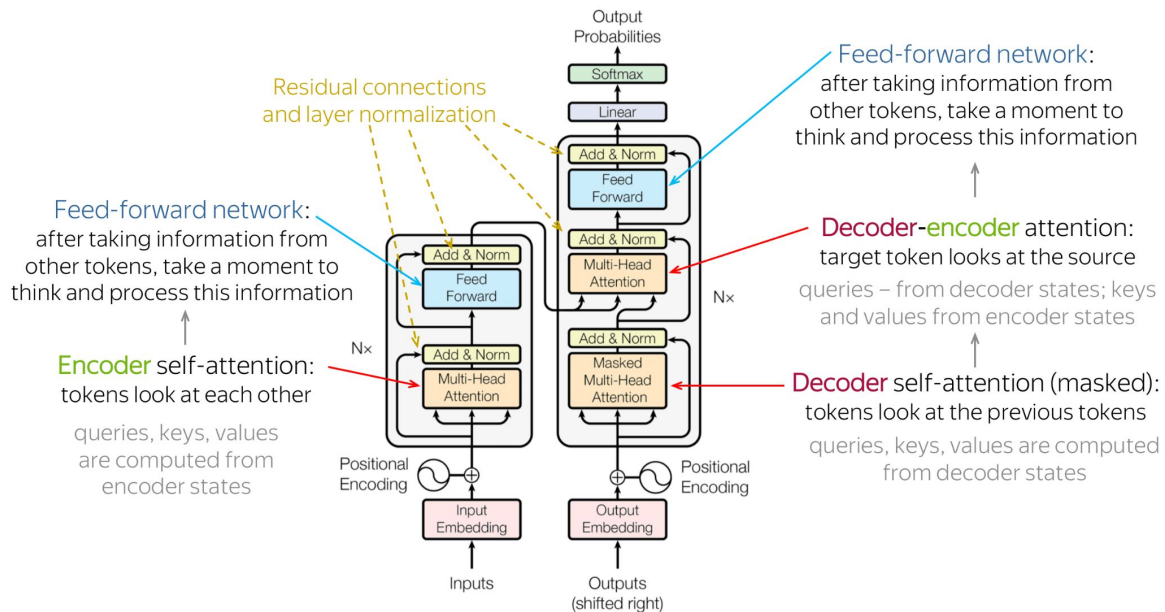


What is Falcon?

Discover the open-source LLM out of the UAE, a potential OpenAI competitor.

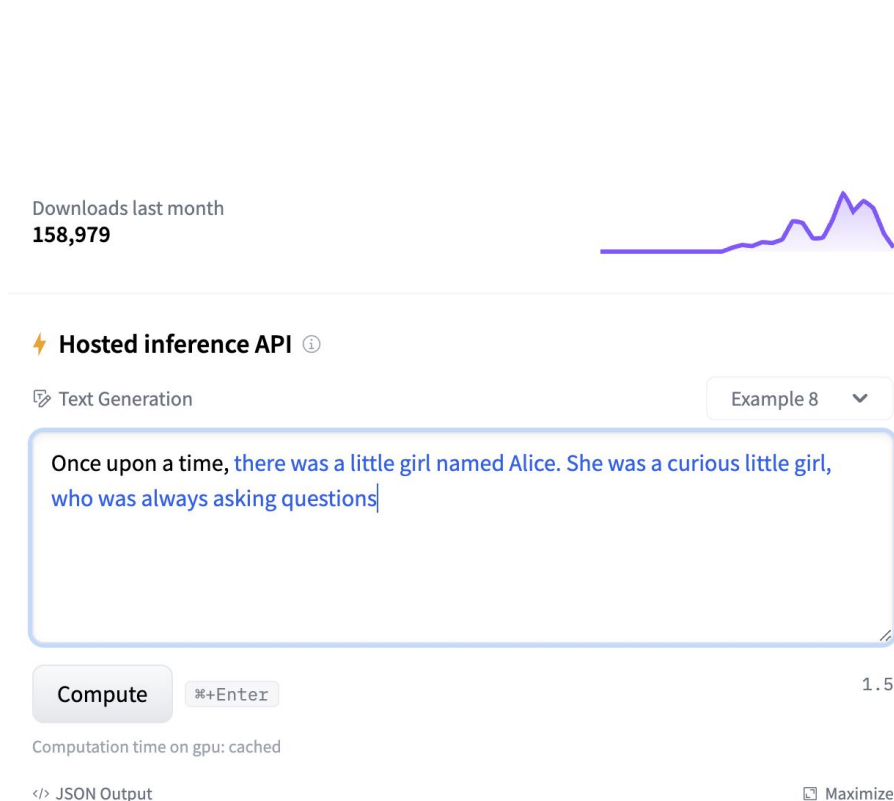
Transformer Models



[Source](#)

Falcon

- Access it via [HuggingFace](#) transformers library
- 7B and 40B models as well as instruct fine-tuned



Falcon Features

— — —

- Free for commercial use
- Open source
- Possible to fine-tune

Falcon Use Cases

Chat Agents

```
[ ] from langchain import PromptTemplate, LLMChain
```

```
template = """Question: {question}
Answer: Let's think step by step."""
prompt = PromptTemplate(template=template, input_variables=["question"])
llm_chain = LLMChain(prompt=prompt, llm=llm)
```

```
▶ questions = [
    "Who proved the Efficient Market Hypothesis?",
    "Who disproved the Efficient Market Hypothesis?",
    "Who proved the Poincaré conjecture for n >= 5?", # Stephen Smale
    "Who proved the Poincaré conjecture for n = 4?", # Michael Freedman
    "Who proved the Poincaré conjecture for n = 3?", # Grigori Perelman
    "Is the sum of all natural numbers equal to -1/12?",
]
```

```
[ ] for question in questions:
    result = llm_chain.run(question)
    display_result(question, result)
```

Who proved the Efficient Market Hypothesis?

The efficient market hypothesis was proposed by financial economist John Kenneth Galbraith. In his book called 'A New Deal for the World', cannot be manipulated for an extended period of time. Later researchers such as Robert Shiller and Eugene Fama supported Galbraith's view.