# Park Pal
## National Parks Service

NATIONAL PARK SERVICE 1916

## 🥾 Designers:

Nicole Blakkan-Esser
Lauralyn Curry-Leech
Courtney Gibson

## GitHub:
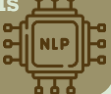
https://github.com/nblakkanesser/MADS_Capstone

## 📍 Project Roadmap

**Prepare Synthetic Data**

⬇

**Train LLM & NLP Models**

⬇

**Host Park Pal**
aws

## Model Evaluation

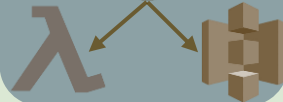Evaluation methodology

## OpenAI GPT

[Filler text]Our group has begun the process of creating ParkPal, a chatbot based on the National Park Service's (NPS) API data. The data provided by NPS is publicly available and includes information on a variety of park related topics such as addresses, fees, park alerts, amenities and activities.

## SpaCy

**2012**
**Studying at ABC**
Choose Change Graphic from the options.

## NLTK

**2012**
**Studying at ABC**
Choose Change Graphic from the options.

### National Park Service: Park Pal 🐻

You can ask questions about parks, amenities, events, fees, and more. Type 'exit' to end the chat.

🐻 : How can I help you?

Where can I find Zion National Park?

🐻 : Zion National Park is located at Zion National Park 1 Zion Park Blvd. in Springdale, Utah 84767

What is the description of the Grand Canyon?

🐻 : Here is the description of Grand Canyon National Park: Entirely within Northern Arizona, the park encompasses 278 miles (447 km) of the Colorado River and adjacent uplands. Located on ancestral homeland of 11 present day Tribal Communities, Grand Canyon is one of the most spectacular examples of erosion anywhere in the world—a mile deep canyon unmatched in the incomparable vistas it offers visitors from the north and south rims.

Type your message here...    Send
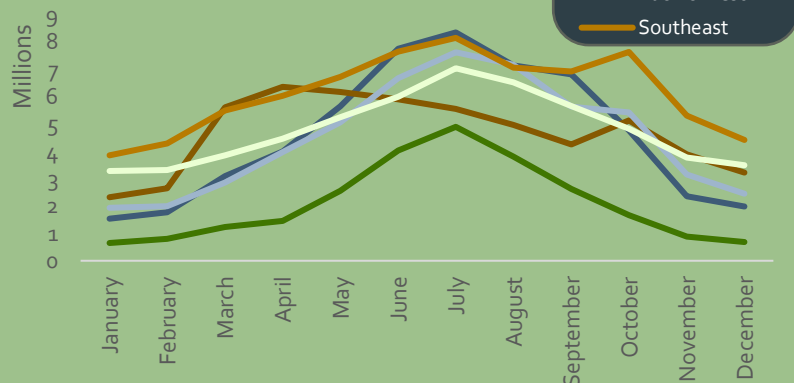
## NPS Chatbot
### PROJECT STATEMENT

## Recreational Visits 2023

Millions

Legend:
- Intermountain
- Midwest
- National Capital
- Northeast
- Pacific West
- Southeast

(x-axis: January, February, March, April, May, June, July, August, September, October, November, December)
(y-axis: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9)

## Top 5 National Parks 2023

- Great Smoky Mountains
- Grand Canyon
- Zion
- Yellowstone
- Rocky Mountain

VISITS (MILLIONS)
0    5    10    15