BEAR ATTACKS IN NORTH AMERICA

DATA NUTRITION LABEL

Description

Bear attacks are fatal and can cause severe consequences. To create a safer environment, we aim to identify high-risk zones and alert individuals about the potential dangers by reviewing past data on bear attacks. Our goal is to educate people about the risks of bear encounters and inspire them to take action toward a safer coexistence between humans and bears.

Keywords

Bear Attacks	Risk Awareness	Preventative measure
Safety	Data Analysis	Informative

Collection Process

The process we followed to gather data involved pinpointing and accumulating pertinent data from a range of both internal and external sources, including databases, APIs, and websites. Then we ensured the data was correctly stored and undertook an initial cleaning phase to eliminate any inaccuracies.

About The Dataset

Publish Date	2024 - 02 -19	**Format**	CSV
Collection timeframe	1900- 2020	**License**	Public Domain
Instances	2 images, 1 chart, 1 map, 135 data	**Dataset access point**	https://kenatv.shinyapps.io/Bearattacks/
Created by	Ken Thuleeratanarom	Phufah Nagasiri	Muhammad Tunkara

Use Cases

Intended Use

Intended Domain	This dataset can be used in any domain.
Intended Use	Raise awareness about bear attacks in America to enhance safety.
Intended Ethical Use	This dataset should not be used for any negative purposes.

Potential real-world applications of the dataset

Use to design safer outdoor recreational spaces and trails by incorporating bear activity data.
Improving public safety through targeted education and prevention programs in high-risk areas.
Enhancing wildlife conservation efforts by identifying critical habitats and reducing human-wildlife conflicts.
Supporting the development of smarter, bear-proof waste management solutions to deter bears from populated areas.
Informing policy and land-use planning decisions to balance development with preserving bear populations and their natural habitats.

Concerns

Sensitive Content	In this dataset, there is information about the name, gender, and age of people who were attacked by bears.
The dataset spans from 1900 to 2020, and while it offers historical insights into bear behavior, its accuracy for predicting current bear behaviors may be limited due to changes over time.	Taking into account bear attack patterns in the current year and season, along with this dataset, can enhance the accuracy of predictions.
Relying solely on this dataset for predicting bear behavior may not be sufficient, as it requires consideration of additional factors.	Considering changes in environmental conditions, bear habitats, human-bear interactions, and advancements in wildlife research methods alongside this dataset is highly recommended.

At a Glance

Data Nutrition Label

Data Nutrition Label

Bear Attacks in North America

Top 5 Regions	
Alaska	27
Alberta	17
British Columbia	17
Montana	17
Wyoming	10

Lowest 5 Region	
West Virginia	2
Arizona	1
Michigan	1
Minnesota	1
New Jersey	1

Total Bear Attacks From all 26 regions **135**

Badges

Public Domain

Upstream sources

About humans