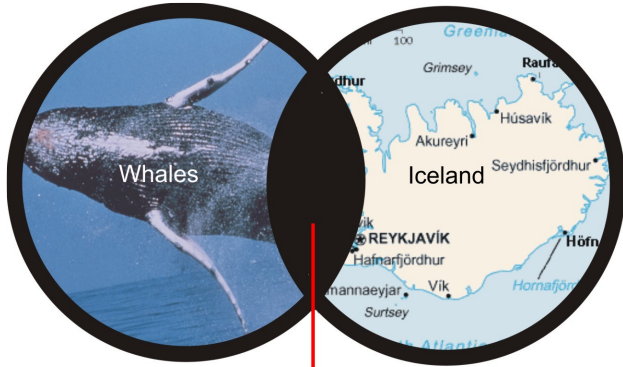


# Boolean Searches

**Boolean searches** are named after the British born Mathematician **George Boole**. Boolean Logic establishes the relationships between keywords in a search. Boolean logic has three operators:

- AND
- OR
- NOT

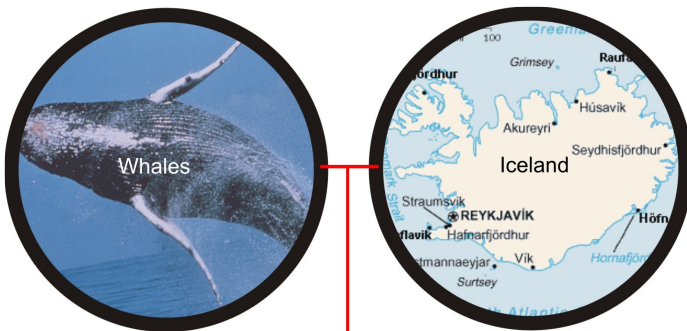


iceland whales

**Search keywords Iceland AND Whales**

This search will give you all pages with both the keyword Iceland or Whales contained in the page or metadata.

This is the **basic search** that most people use on search engines like Google. This search will find any page that has the words **Iceland and Whales** in the page. The search engines usually look for **words** within the body of the page or in the **Metadata** in the head of the page.



iceland OR whales

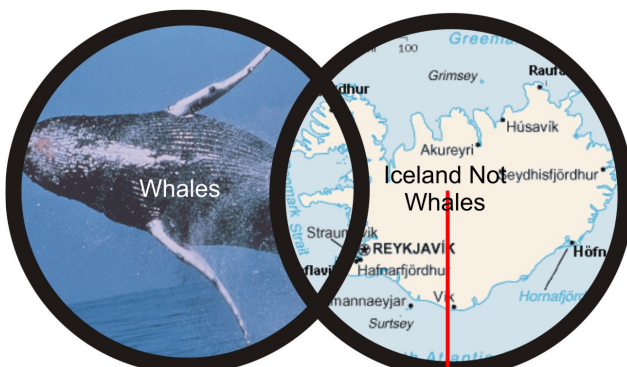
**Search keywords Iceland or Whales**

This search will give you all pages with either the keyword Iceland or Whales contained in the page or metadata

This search will produce many hits as it looks for pages with **either of the two keywords** within the body of the page or in the Metadata in the head. The results will include:

- pages with "Whales"
- pages with "Iceland"
- pages containing both "whales" and "Iceland"

This style of **Boolean search** is useful when you have related topics or where there are several names for the same topic. e.g. German Shephard Dogs and Alsatian.



iceland -whales

**Search keywords Iceland NOT Whales**

This search will give you all pages with the keyword Iceland but not the keyword Whales contained in the page or metadata.

The **"Not"** search is a **powerful filtering tool** that allows the searcher to eliminate pages quickly and easily. It is particularly useful when combined with other search terms. e.g. "Iceland" and "whaling" or "Whales" not "Fishing"