Infovis group 2: Global Wind Power Tracker

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*Make sure that you provide a report with the scientific quality expected from a Master course (e.g. use of references, VUB layout, writing style, ...). The report should have a minimum of 10 pages (with images but without possible appendices) describing your complete solution including setup instructions on how we can run and view your result.*

*Like any academic project, all deliverables including your report, images and source code are checked for plagiarism. Make sure that you always reference sources in both your source code, report and your final visualisation. This also includes the dataset(s) that you have chosen.*

# Introduction

## Dataset selection

lorem ipsum

The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 megawatts (MW) or more. A wind project phase is generally defined as a group of one or more wind turbines that are installed under one permit, one power purchase agreement, and typically come online at the same time. The GWPT catalogs every wind farm phase at this capacity threshold of any status, including operating, announced, pre-construction, under construction, shelved, cancelled, mothballed, or retired. The most recent release of this data was in December 2023.

2.540 observations in 35 features

## Target user

A non-financial regular person interested in wealth distribution. They know what currency is and can distinguish millions from billions.

## Goal

describe what the goal is: educational / political / convincing / ...

# Validation

## Domain

lorem ipsum

## Abstraction

lorem ipsum

* make the problem statement more generic? lecture 04

## Visual encoding

lorem ipsum

chose visuals based on human capabilities – make the link lecture 04

## Algorithm

lorem ipsum

# Product

## Mockups

some screenshots

|  |  |
| --- | --- |
| mock up instead of waiting for downstream implementation in order to validate the result | lecture 04 s11 |

## Final product

some screenshots & clarification

# Considerations

something about the iterative nature of the viz development? 🡪 lecture 04