Public Health Innovations in Analytics
June 7, 2023

Dr. Justin Angevaare, MSc, PhD
Data Scientist, Health Analytics

Julian Martalog
Manager, Health Analytics

Overview

- **Data Governance**
- **Artificial Intelligence**
- **Open-source**
- **COVID-19 Vaccination Emails**
- **Dashboard Renewal**

Data Governance

- **Management of public health data assets**
- **Initiated with creation of Data Governance Committee and new Data Catalogue**
- **Focus on data standards and data quality improvement**

Artificial Intelligence

- **Exploring tools like ChatGPT for productivity improvements**

- **Identified early use cases, limitations and boundaries**

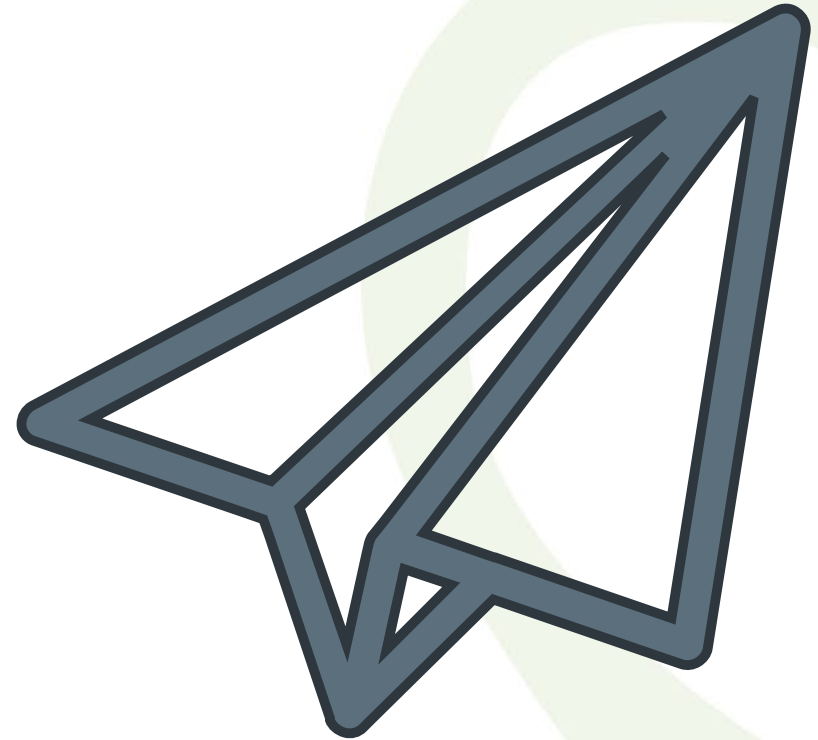- **How can we enable staff to use AI most effectively?**

Open-source
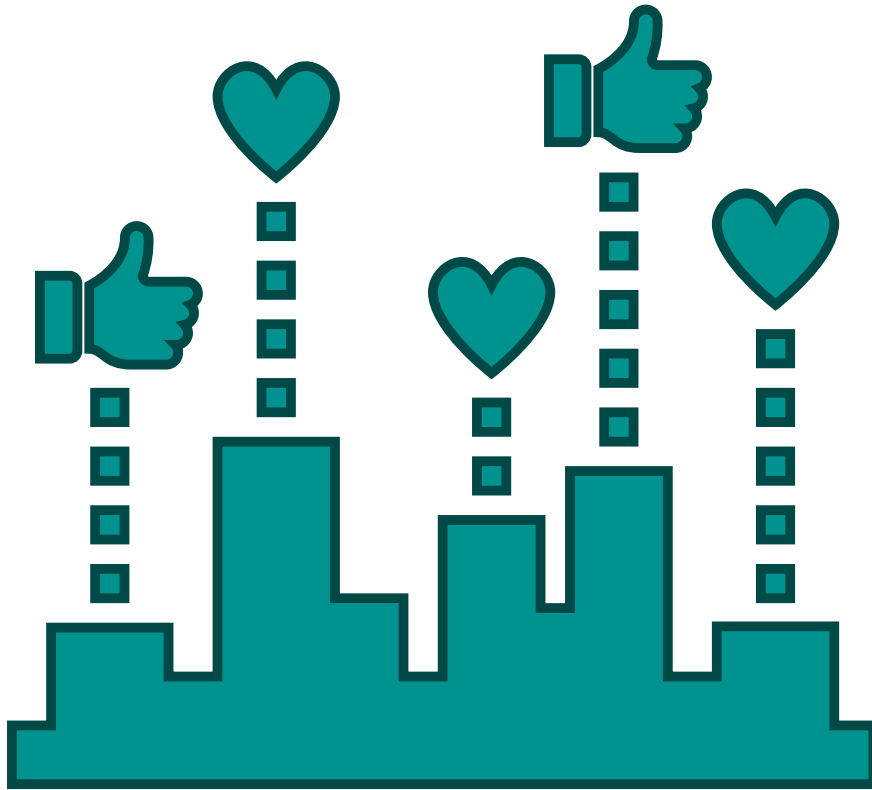
- **Collaboration and transparency initiative**
- **Security and privacy-first process for determining project suitability**
- **GitHub.com/WDGPH**

COVID-19 Vaccination Emails

- **Vaccine info emailed last fall**
- **Evaluated impact of a second email and found it to be negligible**
- **Informs future use of email**

Dashboard Renewal

- **Key channel for sharing latest local data**
- **Updating data and designs of popular dashboards**
- **COVID-19 information will be integrated with other respiratory illnesses**

Conclusion

WDG Public Health innovates to better serve its community, advance public health goals, and promote health equity