

Week 1 Resources

- [Decadal average: Number of deaths from natural disasters, World](#) ↗: a graph showing the number of deaths caused by different types of disasters over decades.
- [Artificial Intelligence for Disaster Risk Reduction: Opportunities, challenges, and prospects](#) ↗: information on the opportunities, challenges, and applications of artificial intelligence in disaster risk reduction, as discussed in a bulletin by the World Meteorological Organization (WMO).
- [Predicting Drought-Related Food Insecurity in Ethiopia](#) ↗ focuses on predicting drought-related food insecurity in Ethiopia and provides insights and resources related to this topic.
- [Mapping global flood risk | One metre at a time](#) ↗: a story about mapping global flood risk and highlights the research impact in this area conducted by the University of Bristol.
- [Early Warning, Alert and Response System \(EWARS\)](#) ↗: information about the Early Warning, Alert, and Response System (EWARS), which is a surveillance system used by the World Health Organization (WHO) to detect and respond to disease outbreaks and emergencies in real-time.
- [Introducing Pano | Actionable Intelligence for Wildfire Management](#) ↗: a company specializing in artificial intelligence and computer vision technologies for wildfire management.
- [Research on Machine Learning for Disaster Response: what makes a good paper?](#) ↗ discusses research on machine learning for disaster response, exploring how machine learning techniques are being applied to improve emergency response and management during disasters.
- [From Big Data to Small Languages: communication and information processing in a newly connected world](#) ↗
: These slides discuss how smarter language processing can help manage a disease outbreak.
- [World Food Programme Landcruiser](#) ↗: an image of World Food Programme Landcruiser.
- [5 Ways Data Scientists Can Help Respond to COVID-19 and 5 Actions to Avoid](#) ↗: discusses five ways in which data scientists can contribute to responding to the COVID-19 pandemic and highlights five actions that should be avoided in the process. It also provides insights and recommendations for data-driven approaches in tackling the challenges posed by COVID-19.
- [Google Person Finder](#) ↗: the support page for Google Person Finder, a tool developed by Google to help people locate and provide information about individuals affected by a disaster or crisis. It provides assistance and resources for using the Person Finder tool effectively.
- [Microsoft AI for Humanitarian Action projects](#) ↗: The website highlights various AI for Humanitarian Action projects that leverage artificial intelligence to address global humanitarian challenges.
- [Artificial intelligence improves the energy efficiency of buildings](#) ↗: a website from the European cluster collaboration, in this report explaining about AI application in buildings.
- [Microsoft's Responsible AI Resource Center](#) ↗: A website that provides information about responsible AI practices, perspectives and resources.
- [Microsoft's Framework for Building AI Systems Responsibly](#) ↗: A website presenting a framework according to Microsoft's Responsible AI standard to guide how they build AI systems.