Data Application: Visualisation - Introduction

In this module we look at something that, as scientists, we need to do all the time – visualising our data.

Visualisation is really important for gaining insight into our data, and so we offer some guidelines for improving your visualisations. We talk about visualisation for the purposes of outreach and dissemination, but mostly we focus on visualisation as a _key part_ of the scientific process, helping us to explore, error check and analyse our data more effectively.

We show how visualisation is intimately linked to good data management principles, such as reproducibility and transparency, and for these reasons we encourage you to develop your programming skills – and we'll provide code examples for everything we're going to show here to help you.