

Visualisation in R with ggplot2 and plyr

Hadley Wickham

Assistant Professor / Dobelman Family Junior Chair
Department of Statistics / Rice University

June 2012



1. Setup

2. Introductions

3. Course outline

Introductions

HELLO

my name is

Hadley

Your turn

Throughout the course, there will be many opportunities for you to practice what you've learned and receive one-on-one help.

Please get things started by introducing yourself: what's your name and what sort of data do you work with.

Outline

Why? Data analysis

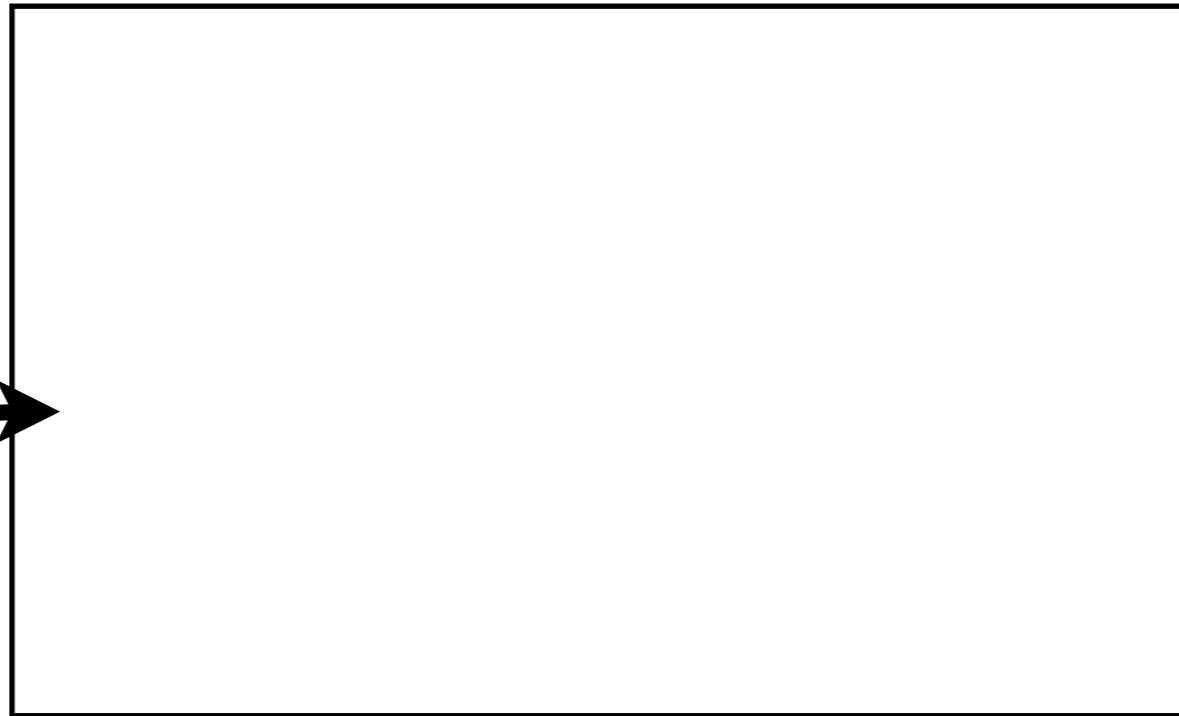
Why? Data analysis

Question

Why? Data analysis

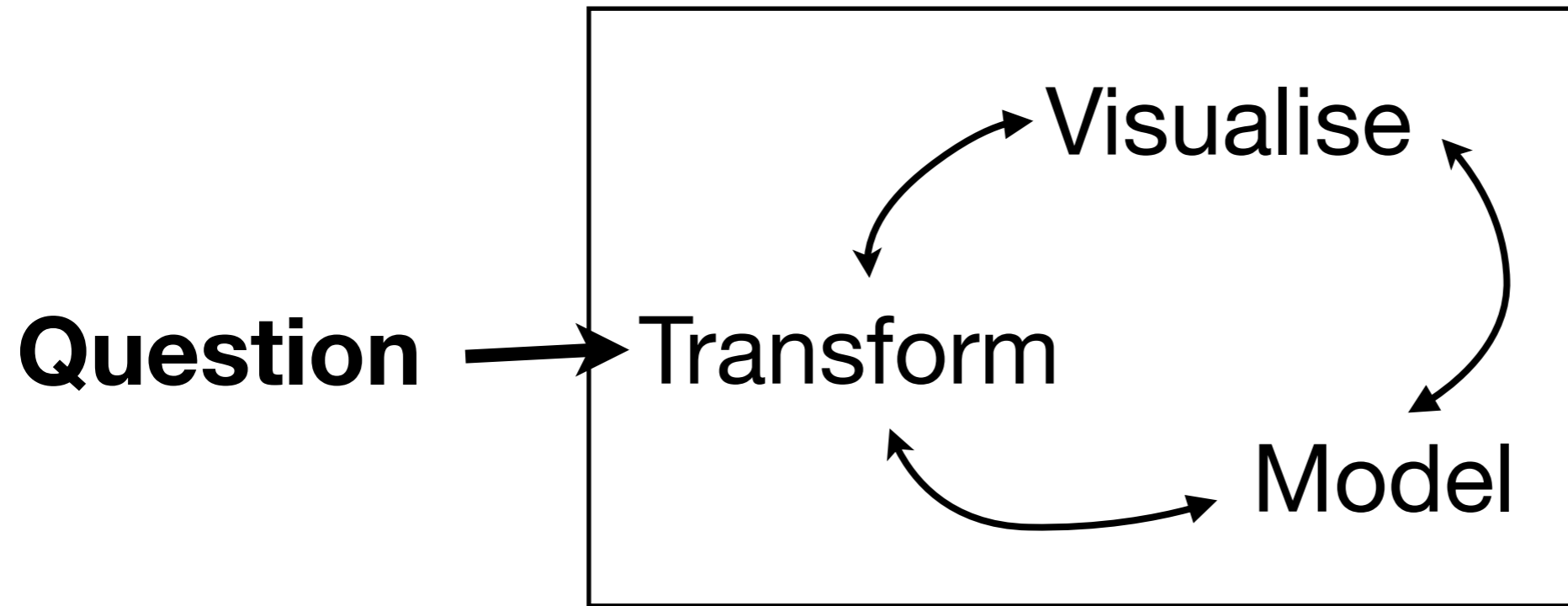
Understand

Question →

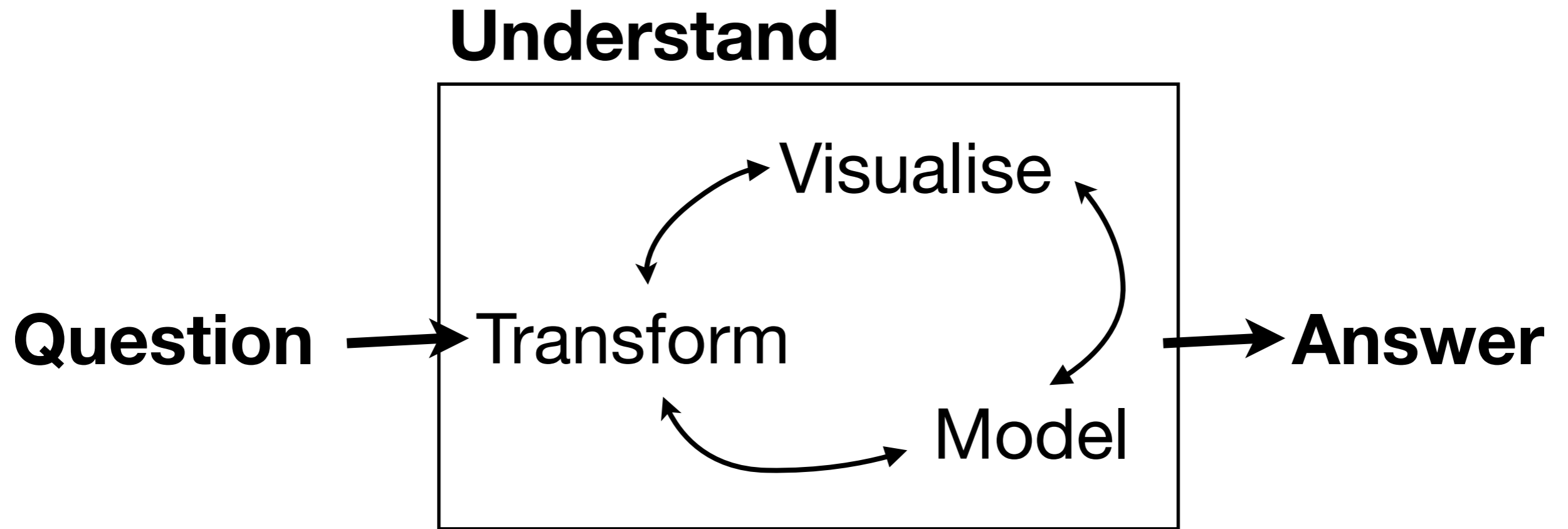


Why? Data analysis

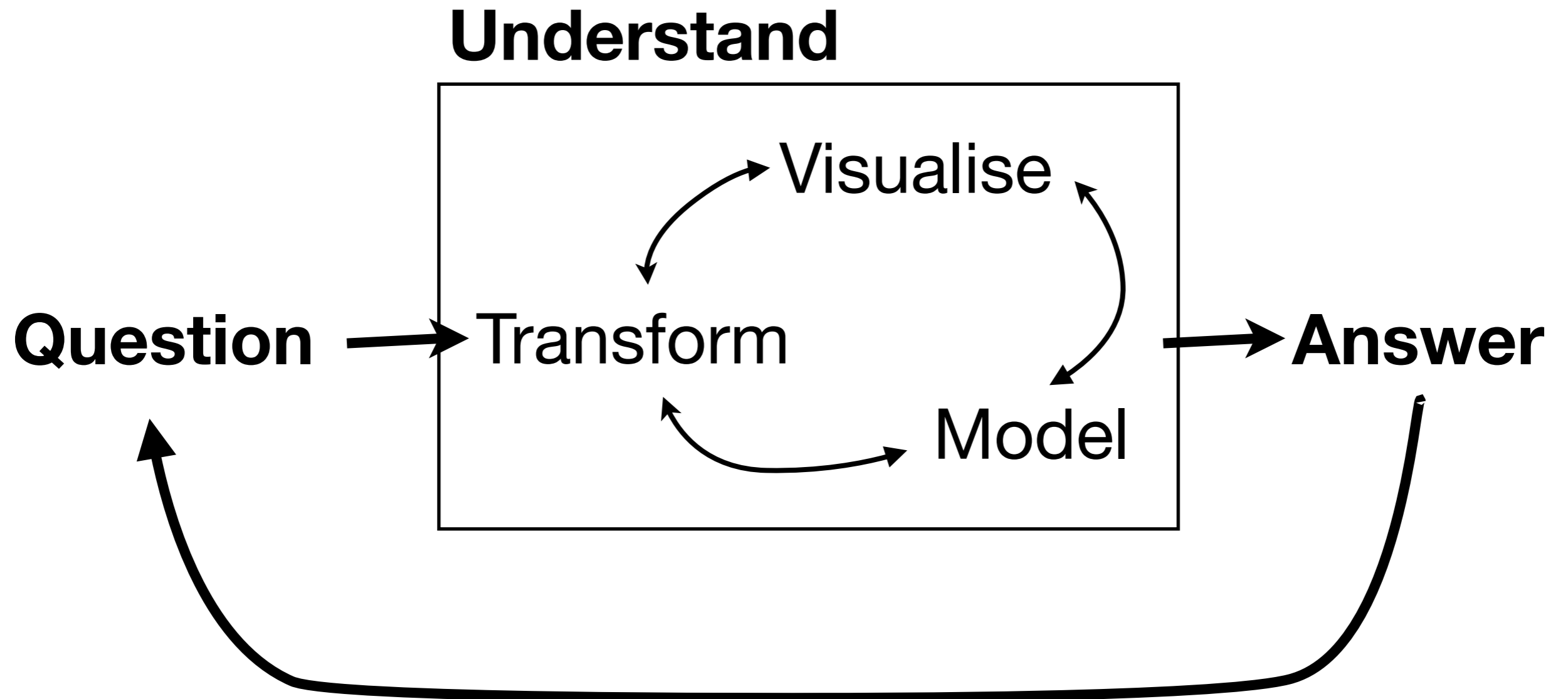
Understand

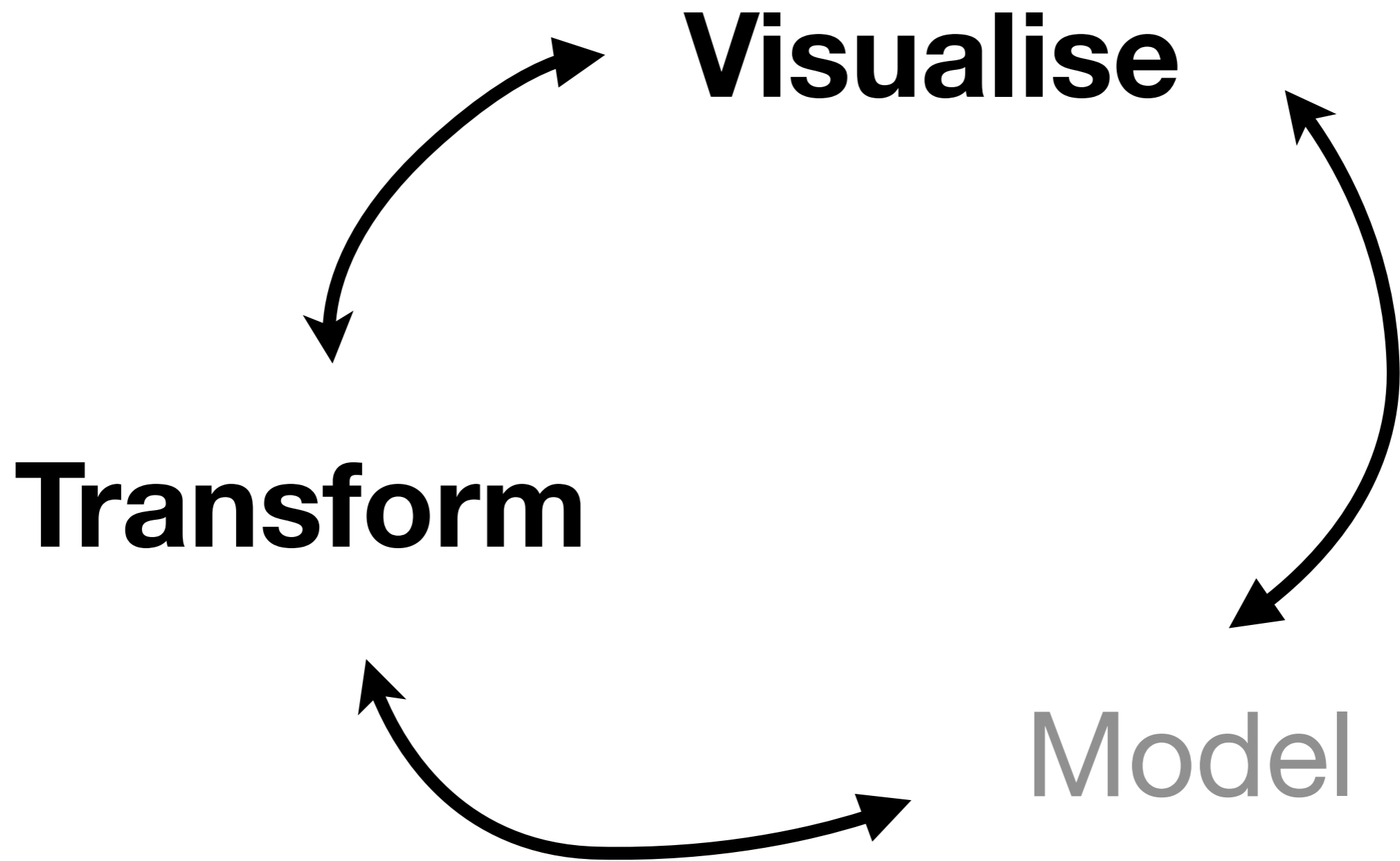


Why? Data analysis



Why? Data analysis





Day one

Introduction to ggplot2

Visualisation of large(r) data

Data input and output

Data manipulation

Day two

Visualising time & space data

Polishing your plots for presentation

Tidy data

Models