

# Data transformation

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```
library(tidyverse)
```

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## 4.1 Introduction

Functions that operate on rows and then columns of a data frame

The pipe, an important tool that you use to combine verbs.

The ability to work with groups.

Case study

## 4.1. Introduction

Theme: data transformation

Objective: learn key tools for transforming a data frame

Package of tidyverse: **dplyr**

Dataset: flights that departed from New York City in 2013

### 4.1.1 Package dplyr

```
library(nycflights13)
library(tidyverse)
```

```
tidyverse_conflicts()
dplyr::filter() masks stats::filter()
dplyr::lag()     masks stats::lag()
```

This means dplyr overwrites some functions in base R.

We'll use the same syntax as R: `packagename::functionname()`

## References