

Analysis of Pokemon Stats

For all pokemon of Generations I through VII

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Introduction

Each pokemon has **stats** that determine its abilities in various categories:

- HP (hit points)
- Attack
- Defense

Each pokemon has a **primary type** based on its physiology: ✨

- Water
- Fire
- Rock

Which type of pokemon is the strongest, based on its stats?

✨ and just its general vibe

Packages and Data

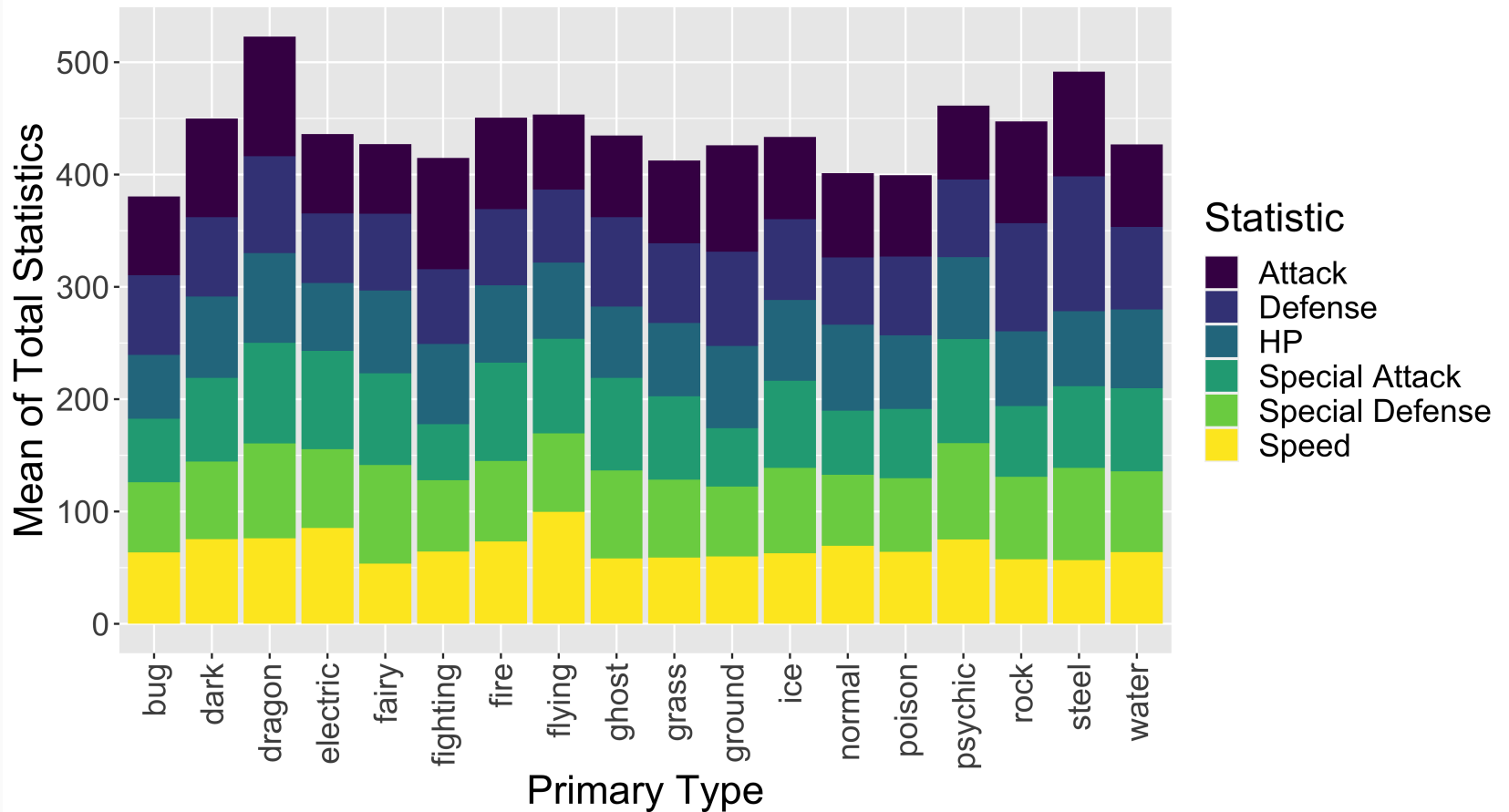
```
# load the packages we need for this analysis
```

```
library(pacman)
```

```
p_load(tidyverse, magrittr, viridis)
```

Type ◆	HP ◆	Attack ◆	Sp. Attack ◆	Defense ◆	Sp. Defense ◆	Speed ◆
bug	56.722	70.125	56.653	70.847	62.514	63.569
dark	72.552	87.793	74.517	70.517	69.069	75.310
dragon	79.852	106.407	89.593	86.259	84.556	76.111
electric	60.513	70.821	87.538	61.821	70.051	85.410
fairy	73.944	62.111	81.500	68.167	87.778	53.667
fighting	71.429	99.179	50.107	66.393	63.429	64.286

Stats Breakdown by Type



Distribution of Stat Values