

(ADP)

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Part I

ADP

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

```
kmeans_spec <- linear_reg()
show_engines("linear_reg")
```

```
# A tibble: 7 x 2
  engine mode
  <chr>   <chr>
1 lm      regression
2 glm     regression
3 glmnet  regression
4 stan    regression
5 spark   regression
6 keras   regression
7 brulee  regression
```

```
yardstick::metric_set()
```

Part II

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ADP R .

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- R : <https://towardsdatascience.com/a-comprehensive-list-of-handy-r-packages-e85dad294b3d>

2.1 Cheetsheet

- [ggplot2](#)
- [dplyr](#)
- [tidyr](#)
- [lubridate](#)
- [Keras](#)
- [nardl](#)
- [MLM](#)
- [Time Series](#)
- [survminer](#)
- [caret](#)

R tidymodels

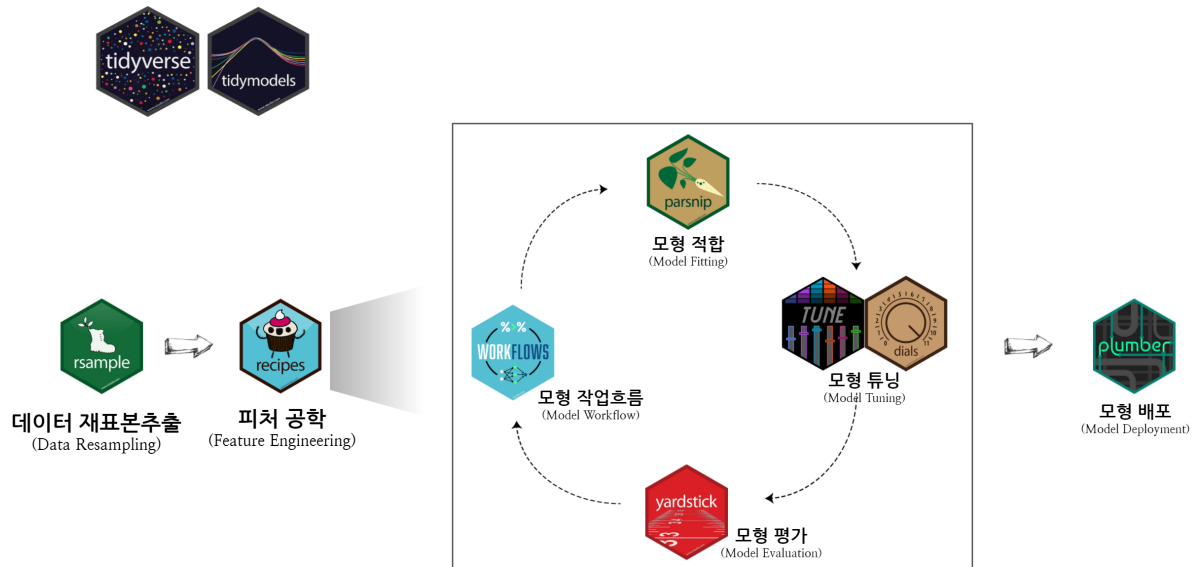


Figure 2.1: <https://statklee.github.io/model/tidyverse-parsnip-penguin-101.html>

```
{r}
rsample::|
```

add_resample_id	{rsample}
all_of	{rsample}
analysis	{rsample}
any_of	{rsample}
apparent	{rsample}
assessment	{rsample}
bootstraps	{rsample}
caret2rsample	{rsample}
clustering_cv	{rsample}

add_resample_id(.data, split, dots = FALSE)
Augment a data set with resampling identifiers
 For a data set, add_resample_id() will add at least one column that identifies which resample that the data came from. For some resampling methods, an additional column is added but for some resampling methods, no additional column is added.
 Press F1 for additional help