Lab 3 - Exercise 2 - Using Faceting to Understand Data

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In this lab, we are going to visualize the distributions of loan amounts for different credit grades (column name = grade).

Libraries

Load the necessary libraries.

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
## v dplyr     1.1.4     v readr     2.1.5
## v forcats   1.0.0     v stringr   1.5.1
## v ggplot2   3.5.1     v tibble    3.2.1
## v lubridate 1.9.3     v tidyr     1.3.1
## v purrr     1.0.2
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

Data

Load the data.

```
df <- read_csv("../../data/LoanStats.csv")
```

```
## Rows: 42542 Columns: 145
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (29): id, term, int_rate, grade, sub_grade, emp_title, emp_length, home_...
## dbl (34): loan_amnt, funded_amnt, funded_amnt_inv, installment, annual_inc, ...
## lgl (82): member_id, url, initial_list_status, mths_since_last_major_derog, ...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

Plot

Complete the cell with the code to make the plot.