Project 1

Chris Spencer

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```r
financials <- read_csv("credit.CSV")
```

```
## Rows: 143 Columns: 7
```

```
## -- Column specification ------------------------------------------------
## Delimiter: ","
## chr (5): Transaction Date, Post Date, Description, Category, Type
## dbl (1): Amount
## lgl (1): Memo

##
## 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.
```

```r
model <- lm(Amount ~ `Transaction Date`, data = financials)
summary(model)
```

```r
financials <- financials %>%
  filter(Type == "Payment")

ggplot(financials, aes(x = as.Date(`Transaction Date`, "%m/%d/%y"), y = Amount))+
  geom_point()+
  geom_smooth(method = "lm", color = "red")+
  labs(
    title = "I'm Broke",
    x = "Payment Date",
    y = "Amount"
  )+
  theme(plot.title = element_text(hjust = 0.5))
```

```
## `geom_smooth()` using formula 'y ~ x'
```

I'm Broke