Regression

```
lm(y ~ x1 + x2, data=data_frame_name)
```

Intercept (constant) term gets added

Don't need to quote or prefix column names

Regression Summary

```
reg1 <- lm(road ~ pop_2017 + gdp_2017, data=africa)
summary(reg1)

Call:
lm(formula = road ~ pop_2017 + gdp_2017, data = africa)

Residuals:
    Min      1Q  Median      3Q     Max
-100394  -14841   -8052    3801  121130

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept) 1.517e+04  5.993e+03   2.532   0.0145 *
pop_2017    3.084e-04  1.987e-04   1.553   0.1268
gdp_2017    9.920e-07  1.506e-07   6.588 2.65e-08 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 35670 on 50 degrees of freedom
Multiple R-squared:  0.6811,    Adjusted R-squared:  0.6684
F-statistic: 53.41 on 2 and 50 DF,  p-value: 3.889e-13
```