

STA 314 - Tutorial 5

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Agenda

- 1 AI in Industry Video
- 2 Survey
- 3 Kahoot
- 4 Questions/Logistic Regression



AI keeps Amazon warehouses humming

<https://www.youtube.com/watch?v=B2Humr181Qw>

I am trying to improve the tutorial for the second half of the term. Please go to the following link to fill out a brief survey (~3 minutes).

<https://bit.ly/2oC7jU0> (the last character is a the letter O)



- 1 I am available to answer any questions at front
- 2 Opportunity to try logistic regression yourself via R (next slide has data)

Try Logistic Regression

```
write.csv(dat,file="IncomeClassification.csv")

dat = read.csv('IncomeClassification.csv',header=TRUE)
dat$income = as.integer(dat$income)-1

glm.fit <- glm(income ~ education_yrs + as.factor(workclass),
               data = dat,
               family = binomial)

summary(glm.fit)
```

Get the data from:

[daveveitch.github.io/teaching/2019F-STA314/
IncomeClassification.csv](https://daveveitch.github.io/teaching/2019F-STA314/IncomeClassification.csv)