Project 1: Stack Overflow Data Columns of interest: - Employment Stochus & How did people got hired - Pronounce "QIF" - Job Seeling Status - Hours Renwede - Assess. (what jobs people live) - Chichy leens - Important Kiring (what is important when hiring.) - Tabs spaces - Influence (controlling and comes at company)

Shim, continue where unt alayer thun paid off?

Create estimator for salary?

-> Data Mining Approach to predict Forest Times
using Meterological Dada
Abs.
-) Futo-
-> Firest Fire Dud
-) Parta miny Models
-> Experemental Results
-) Condusions
$(\alpha, \alpha, \alpha, \alpha, \alpha)$
Reguerds
> SUM > Fire weather index
-) feative schection
-> Regression
Abeca
-) MAP
-> RMSE
$\neg \beta \land \cdots \land$

Abstract
formest fires
-> tru to present usines meterclourcal
Sexpensive (lives, damage) Try to prevent using metarclayical measurements
-) predicted using SVM
Scan we predict using XOB!
Conclusions
-) SUM is capable of predicting Small fires
Show fires So lower predictive power for
Corse fires
Trat midución
Fires < caused by negligence/lightne
Dancese reduced by fast regarde
() Chuick data garbertus
- satelite × Bud resolution & expensive - IR × high costs
Charles .

Forest Me Parka
FWI < rates fre danger
five 19nArcu& sproud) indicator
tive ignArcu & sproud indicata
DMC&DC-maisture of Shallow & follows of Shallow & follows intensity
FSI - fie velocity spread
BUX-available first
Park
Wigh Flora & Fauna density diversity
avgtemp= po-12"
C) data collected between 2008 2003
Scarld be a problem
a problem
Coccedentes in 99 gena !!
-) Day of all important because fine has
human causes.

G Data has already been drewed Darka Mining Models MAD = Ely-yol RUSE = \\\ \(\Sigma \) C) Sensibile to high error -> Hist of burned f(area) () f (areu) = ln (areu +1) ((og(0) 15 imposs lobe Modells considered: - multiple very - regression trees - random rey forest - SUMX

Experimental Results -) preprocessing Conominal confegerical: 1-of-Cenceding Grand vors normalized to b(0,1) SUM, AR usines seq. min. optimization alger. Thin byper parameters found using grid sourch