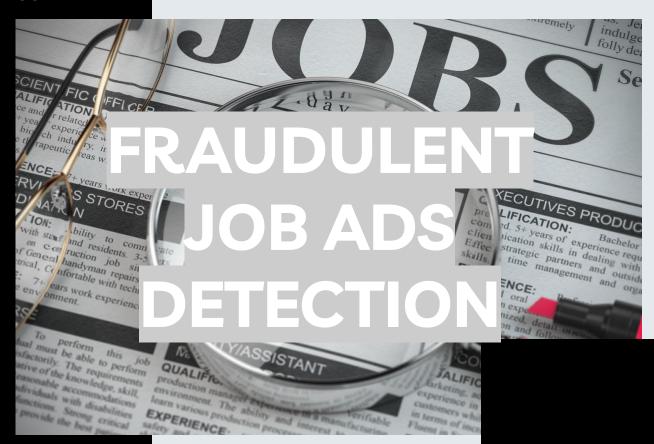
#### **BY MELLISSA VALLE**



sufety and

**DEC 09 2021** 

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**NEXT STEPS** 

### **BUSINESS**

# UNDERSTANDING

- **SPAMMERS**
- **SCAMMERS!!!**





### Indeed.com scammer steals personal info from woman with fake job posting

By Jessica Dupnack and David Komer online producer | Published July 28, 2021 Updated 8:10PM | Crime and Public Safety | FOX 2 Detroit









TROY, Mich. (FOX 2) - A local woman thought she got a job and instead she got scammed using an online job search site.

#### **FBI EL Paso**

Special Agent Jeanette Harper (915) 832-5355





Twitter Facebook Email



April 21, 2021

**FBI Warns Cyber Criminals Are Using Fake** Job Listings to Target Applicants' Personally Identifiable Information

Press release available in both English and Spanish.

Scammers advertise jobs the same way legitimate employers do-

# THE DATA

### **TARGET**



FRAUDULENT 866



LEGITIMATE 17,014

#### **INDEED DATASET:**

- 3002 RECORDS
- LOCATION: USA



### **IMPORTANT FEATURES**

**HAS COMPANY LOGO** 

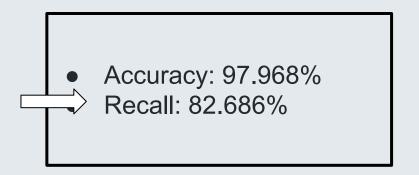
**COMPANY PROFILE** 

**JOB DESCRIPTION** 

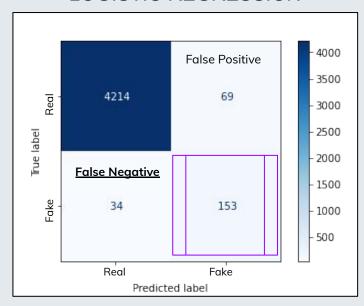




### **MODEL RESULTS**



#### LOGISTIC REGRESSION

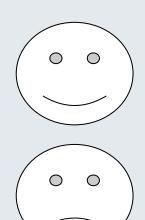


### **MODEL RESULTS INDEED DATASET**

**TOTAL RECORDS: 3002** 

Not fraudulent 28703

• Fraudulent 1299



### **NEXT STEPS**

- Add industry and department features with <u>SelectBox</u>
- Test datasets from different Job Search Sites
- Add a second language <u>Spanish</u>



# Thanks





vallemellissa@gmail.com



https://github.com/MellissaValle/Fraudulent-Job-Postings



https://www.linkedin.com/in/mellissa-valle-94604819b/