

Deployment in Python

Soft Lead Generation

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Table of contents

01

Project/Context

02

Data Assessment

03

Results

04

Takeaways

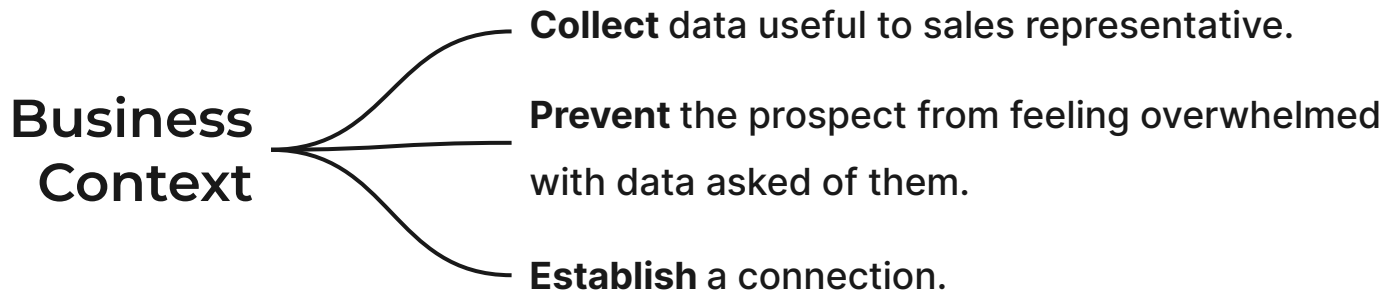


01

Lead Generation with a Grain of Salt



Two Perspectives...

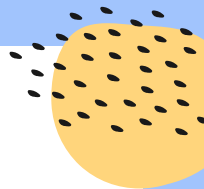




02

Data Assessment

Non Invasive Correlations



Ideally we want more false positives than false negatives

Aspects that need to be acknowledged:

- We are neglecting valuable data that appears to be available to us.
- Some irrelevant bias exists in the base data.
- There is no single panacea/cure all for missing values in the dataset.





03

Results and End Product



Selected Model



XGBoostClassifier

| | |
|------------------------|-------------------------|
| TP 27 | FP 25 |
| FN 1 | TN 101 |


```
params = {  
    'Gender' : 'Male',  
    . . .  
    'Total_income' : 6000  
response = requests.post(url = url,json=params)
```

Responses:

'We can get you approved!'

'It may be difficult to get approved.'

Loan Eligibility Predictor

Complete this short form for an instant prediction!

Gender

Male ▼

Married

Yes ▼

Dependents

0 ▼

Education

Graduate ▼

Self Employed

No ▼

Loan Amount

150 - +

Loan Amount Term

360 - +

Credit Standing

My credit is good ▼

Property Area

Rural ▼

Property Area

Rural

Total Income

5000

Make Prediction

We can get you approved!



Call us at 123-321-1234 to get one step closer to your dream home!

Total Income

1

- +

Make Prediction

It may be difficult to get approved.



That's what we're here for! Talk to one of our consultants for free today by dialing 123-321-1234



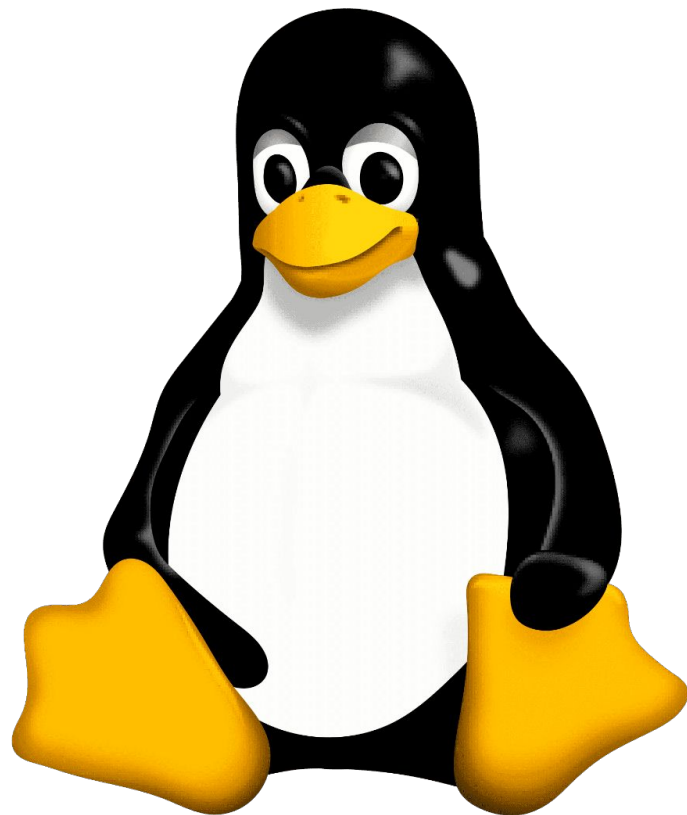
04 Takeaways



The Double Edged Sword of Linux

Lightweight performance and total control is great but...

Polarizing support and deep, neglected issues unique to Linux ports are a pain to work around.



The Double Edged Sword of Linux

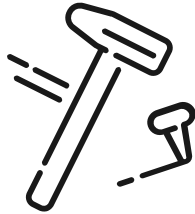
**me breaking into a linux
user's house to install
windows 10 on their
computer**





Going Further...

- Gain a better competency with neural network construction.
- Experiment with more models.
- Learn how to deploy on custom domain.
- Explore the capabilities of streamlit



Thanks!

Any questions?



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