Beyond the Analysis: An Approach to Operationalizing Your Results using Open Source JavaScript Frameworks

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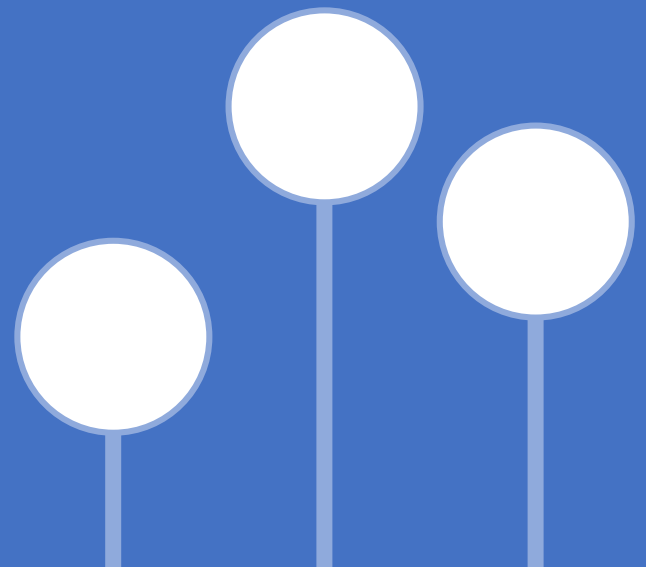

A key challenge in data science today is that last mile – moving from analysis and findings to a production-grade, user-centric application.

From *Useful Information* To **Utilized Insight**

Know the Problem

Is my analysis intended to be applied?

Are my features available in real world?

Would feedback be helpful to my analysis?

Connect the Product

Understand the User

Who would find my analysis useful?

How would someone use my analysis?

Can someone provide feedback to my analysis?

JavaScript is more than you think.

Know the Problem

Understand the User

Connect the Product

User Interface

Front End Frameworks expediate UI Development.

Visualization

Charting libraries provide great Data Viz capabilities.

ML/Analytics

Machine Learning can be done in the browser.

So you just built an image classifier but what now...

Know the Problem

Connect the Product

Understand the User

GaspMlApp

localhost:4200 110% Search

Know the Problem | Understand the User | Connect the Product

Here's a Image of Something...

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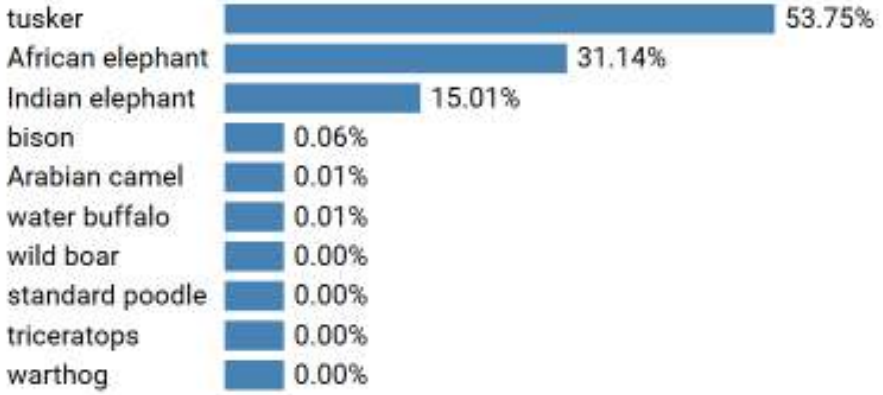
localhost:4200 110% Search

Know the Problem | Understand the User | Connect the Product

Here's a Image of Something...

Here's what the Model thinks...



GaspMlApp

localhost:4200 110% Search

Know the Problem | Understand the User | Connect the Product

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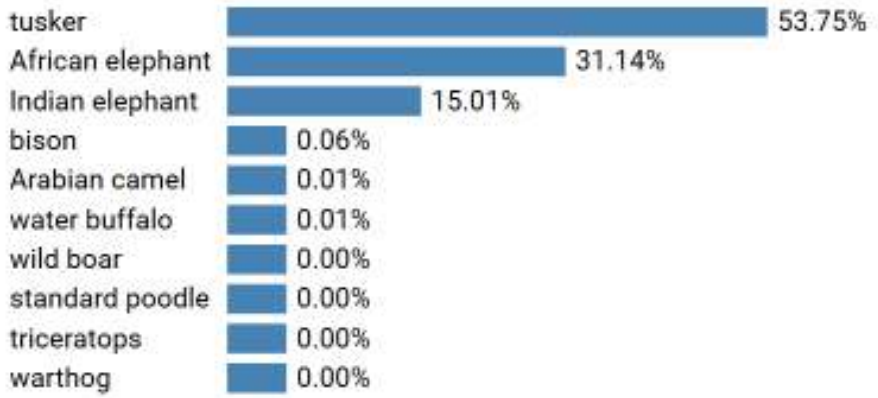

Here's the main takeaway...

This image is most likely a tusker but could be a African elephant

Questions?

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