

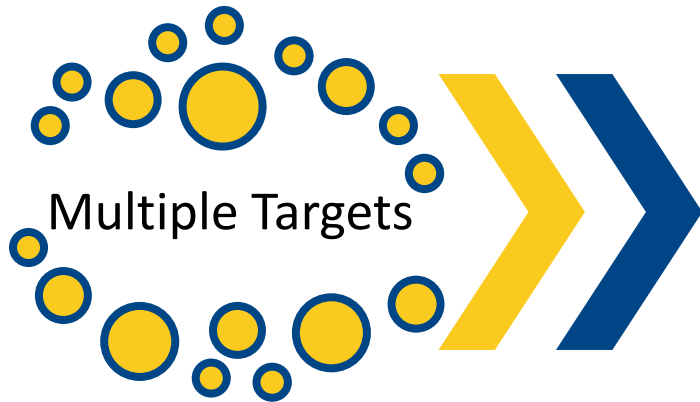
AI User Safety Application

Presented By:

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- **Varun Bhaseen**



Application Overview

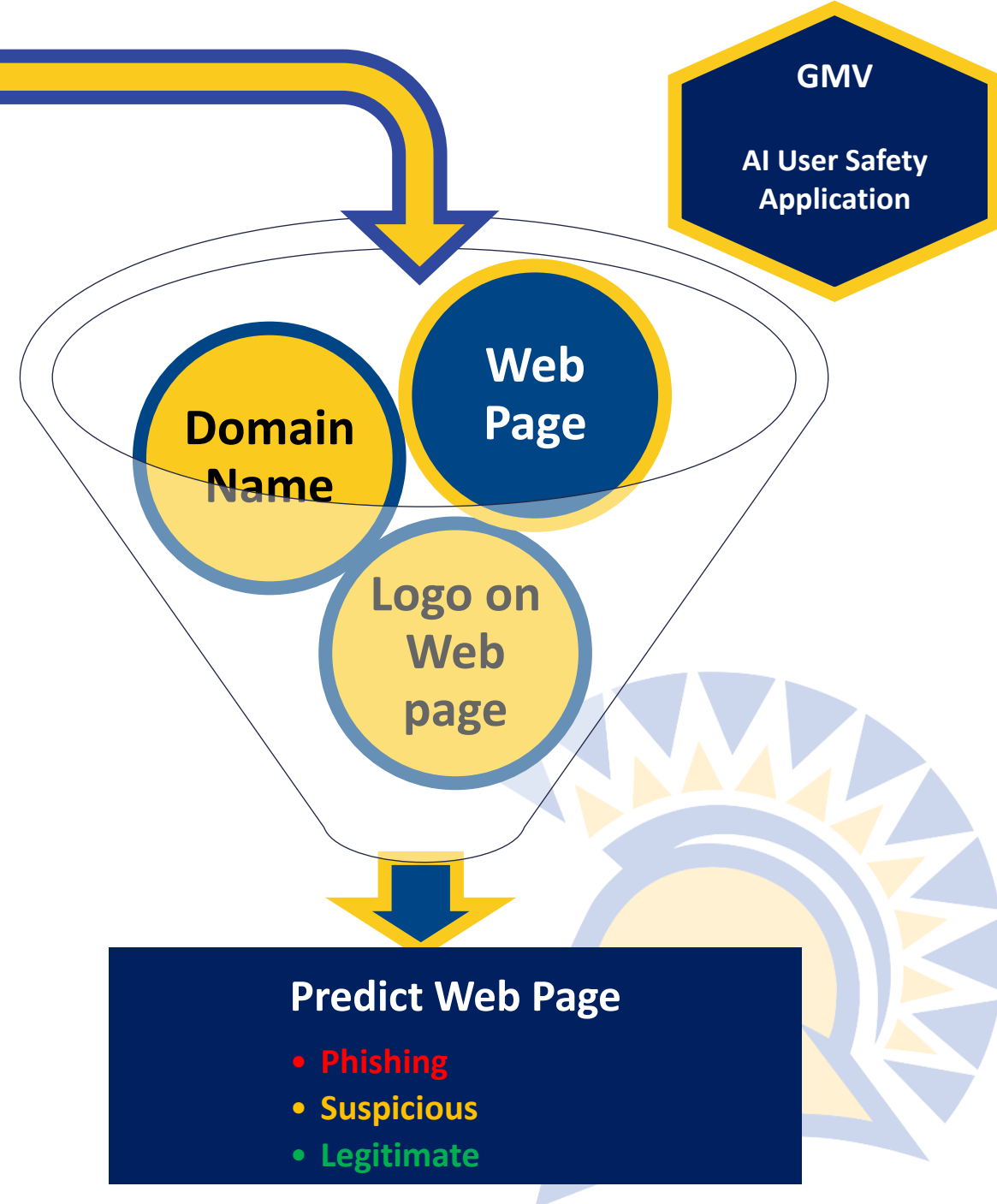


Multiple Targets

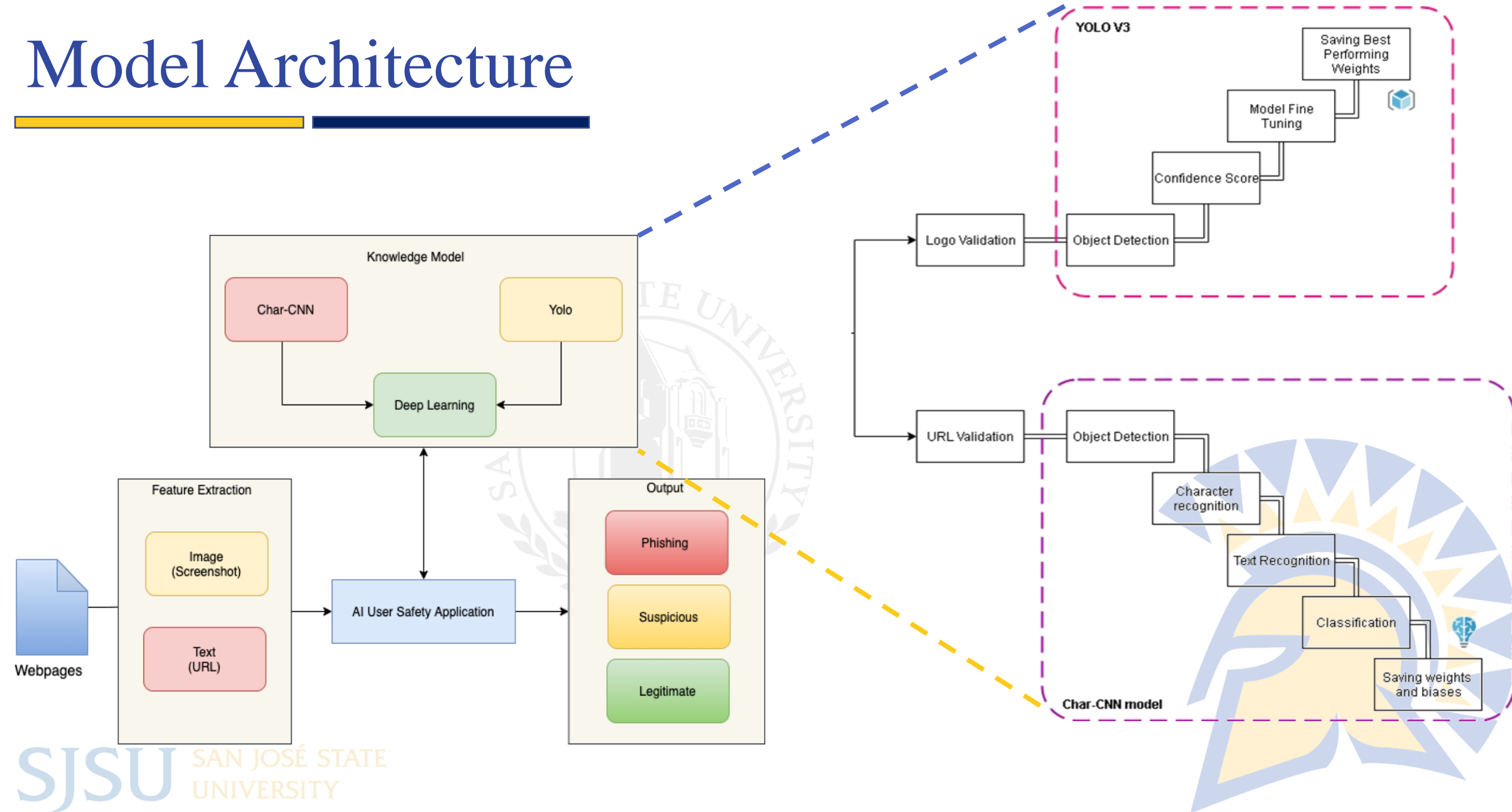
Social Engineering



Phishing Web Page



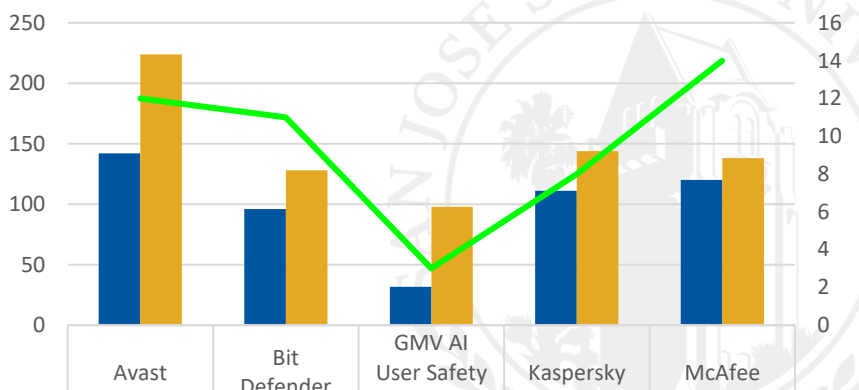
Model Architecture



Benchmark Performance

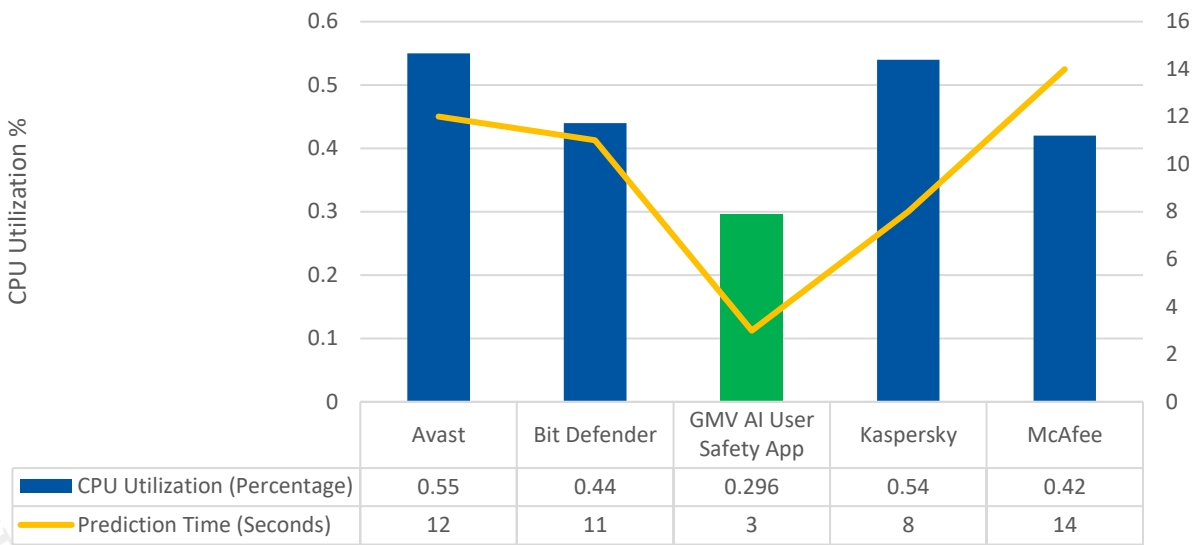
RAM Utilization in MB

Application Performance (RAM Utilization)



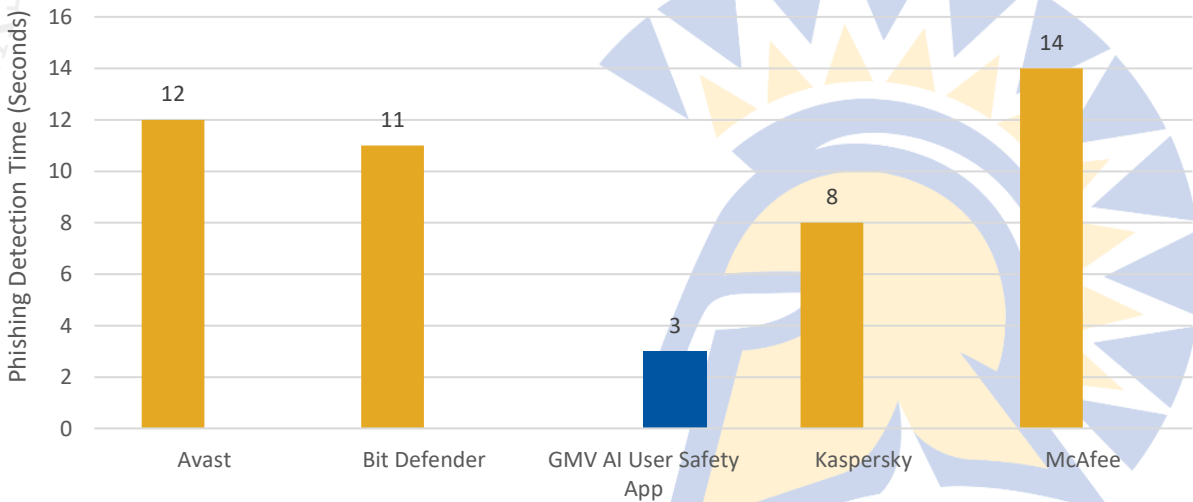
| | | | | | |
|----------------------------------|-----|-----|------|-----|-----|
| Idle Memory Footprint (MB) | 142 | 96 | 31.7 | 111 | 120 |
| Prediction Memory Footprint (MB) | 224 | 128 | 97.8 | 144 | 138 |
| Prediction Time (seconds) | 12 | 11 | 3 | 8 | 14 |

Application Performance (CPU Utilization)



| | | | | | |
|------------------------------|------|------|-------|------|------|
| CPU Utilization (Percentage) | 0.55 | 0.44 | 0.296 | 0.54 | 0.42 |
| Prediction Time (Seconds) | 12 | 11 | 3 | 8 | 14 |

Phishing Detection time (Lower is better)



Future Roadmap

Ad Blocker

- Object Detection Model or Rule based solution

Deep Fake Detection

- GAN based model

Anti Tracker

- RNN based model or Rule based solution

Download Scanner for Virus

- Anomaly Detection based model

VPN connect

- Graph Neural Network based model

Web Page Content Validation

- NLP/Transformer based Model

Application Demo





Thank You and Questions

Contact Details

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