VABADAS

VOICE ASSISTED BANKING AND ANOMALY DETECTION WITH ALEXA SKILL

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WHAT IS VOICE ASSISTED BANKING?

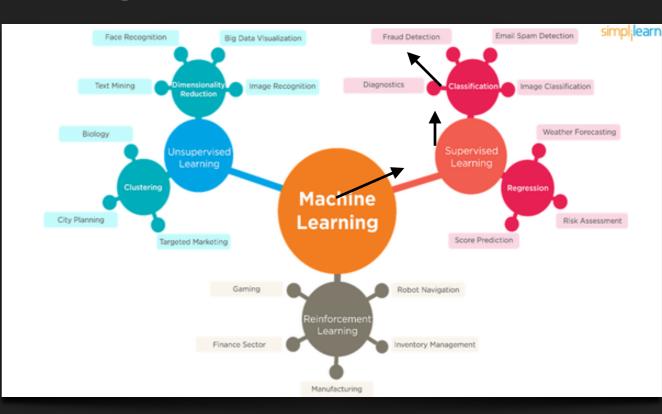
- Using voice commands via a digital assistant to access banking information
 - Ex: Checking account balance, pay bills, send or request money
- Security/Privacy Concerns:
 - Transferring of sensitive banking data
 - Encryption
 - Unauthorized parties interacting with digital assistant
 - Password Protection

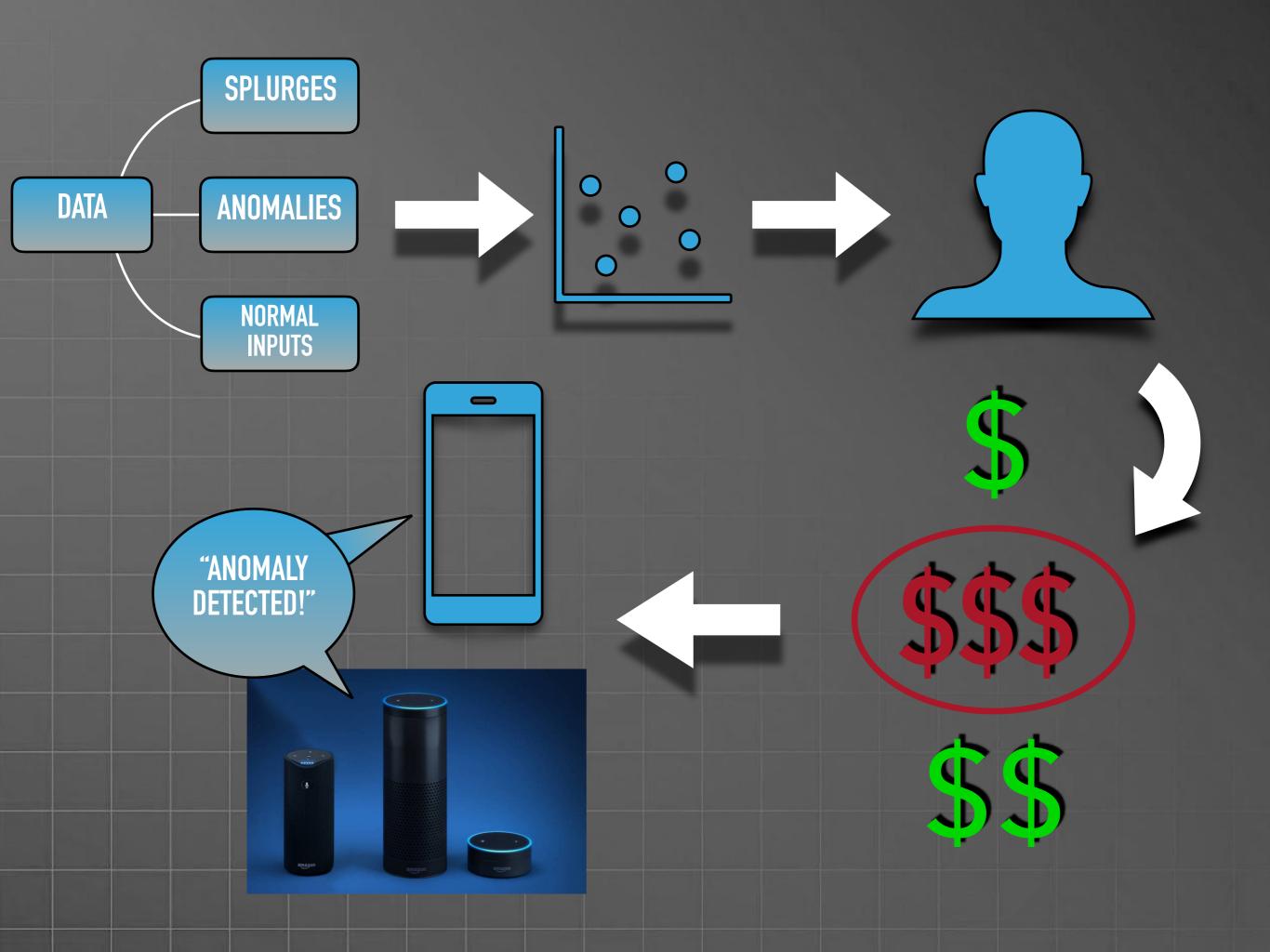


TRANSACTION ANOMALY DETECTION USING MACHINE LEARNING

CONCEPTUAL

- Uses machine learning algorithms to create a set of patterns that indicate regular user behavior.
 - Able to distinguish between spending splurges and possible identity theft instances
 - Models would be trained using customer data
 - Will not be stored or modified
 - Support Vector Machine (SVM), Quadratic
 Discriminant Analysis
 (QDA), Logistic Regression
 (LR)







ADDITIONAL BENEFITS

- Eliminates the middle man
 - Reduce effectiveness of social engineering methods
- Real-time monitoring and notification

"BNP PARIBAS HAS AS
IMPORTANT MESSAGE FOR YOU
PLEASE LOG IN TO YOUR ACCOUNT TO
VIEW IT"



THANK YOU!