

# Business Process Conclusion Predication

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# Your Analytical Team



**Carolina  
Caldeira**

20230440



**Gonçalo  
Caldeirinha**

20230469



**Madalena  
Figueirinhas**

20230436



**Martyna  
Kmiecik**

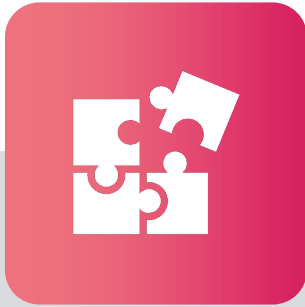
20230452



**Alina  
Metzger**

20230998

# Why Predicting Process Conclusion Matters



**Operational  
Excellence**



WHY?



**Predict Conclusion  
of a Process**



WHAT?



**Leveraging  
Machine Learning  
Models**



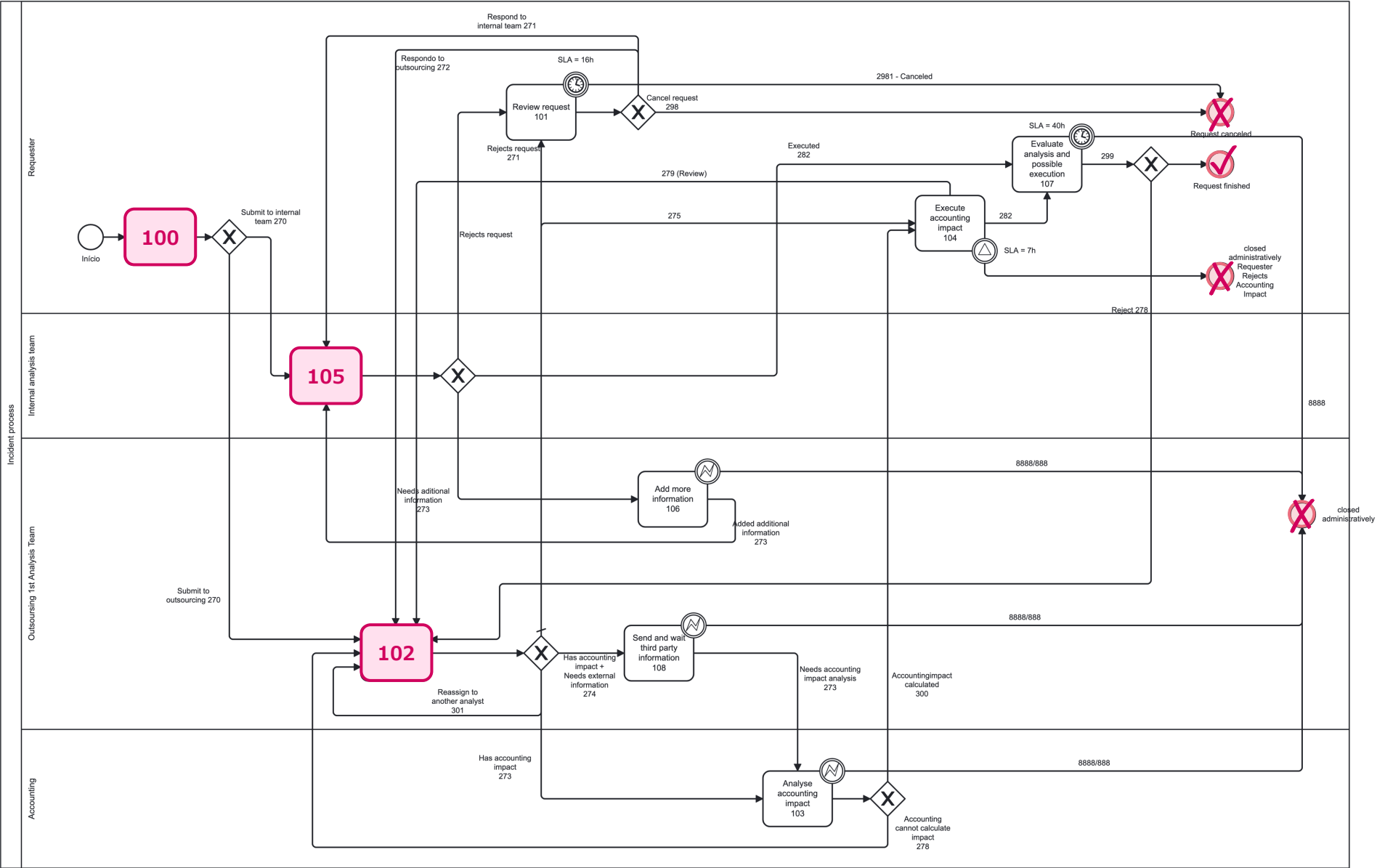
HOW?

# The Data Journey

 Task Execution

 User Information

 Specific Requests



# Model Showdown: Performance Reveal 🏆

**Decision Tree**

Simple Case

52 %

**KNN**

Moderate Case

47 %

**Gradient Boosting**

Diverse Cases

46 – 55 %

**Random Forest**

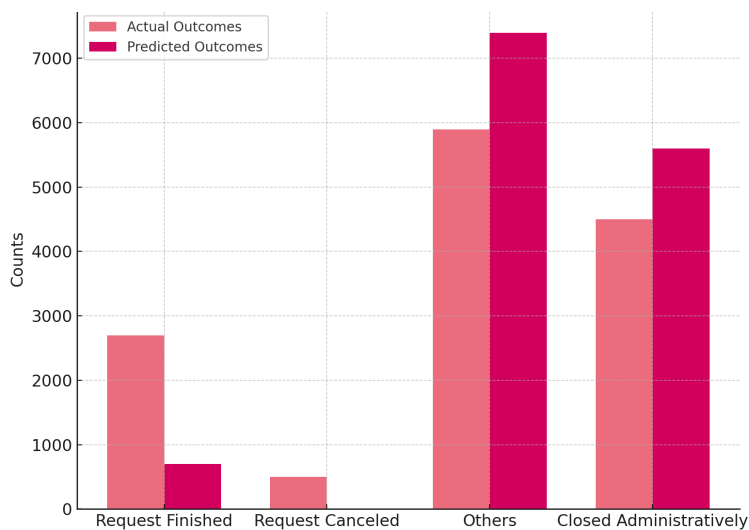
Complex Cases

43 – 54 % \*

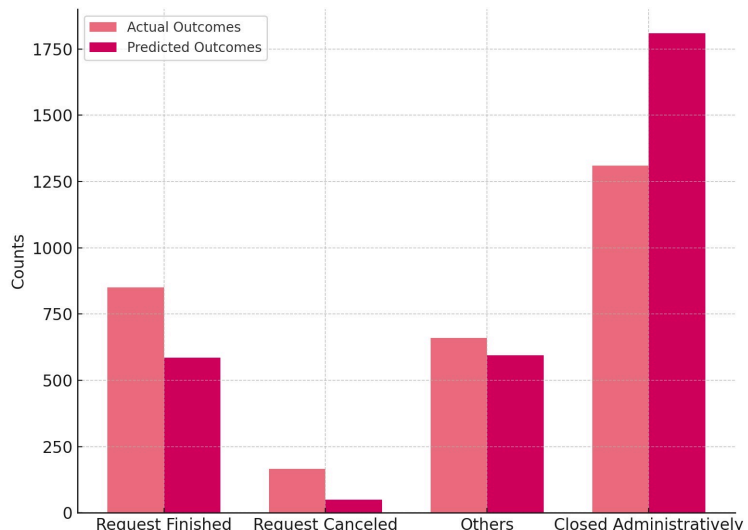
\* Accuracy Range

# Reality Check: Predictions vs. Actual Outcomes

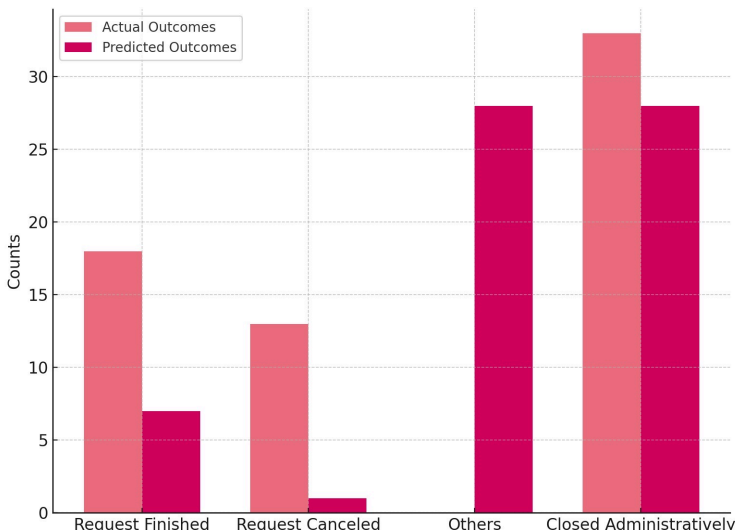
Activity 100



Activity 102



Activity 105



Overall Accuracy: **53 %**

# Success Criteria: Hitting the Targets



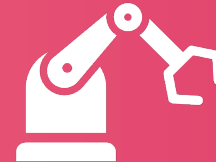
**Response  
Time**



**Operational  
Efficiency**

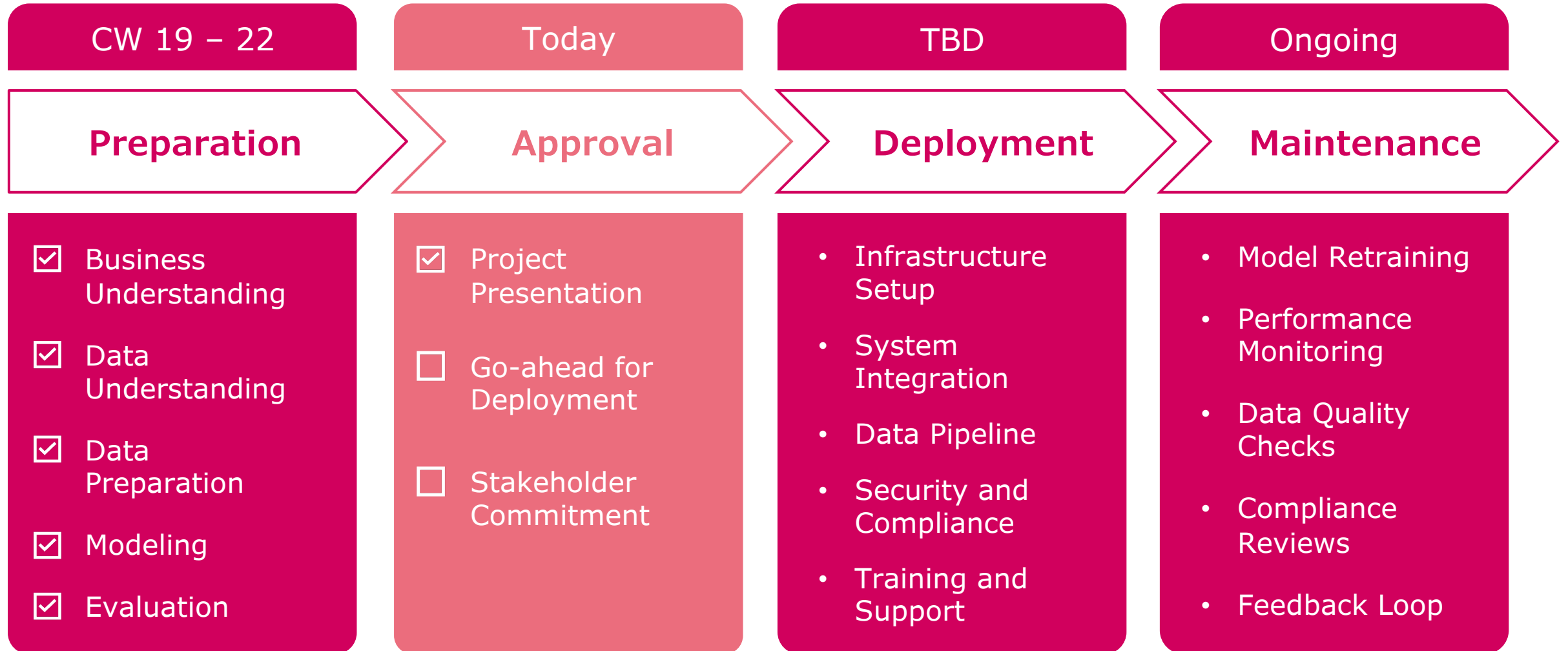


**Customer  
Satisfaction**



**Automation  
Accuracy**

# The Path Forward





# Your Questions, Our Insights

