

# DRUGS AND THE DARK WEB

Investigating Cocaine Across Darknet Marketplace



# OUR TEAM

**CASSIDY** – FRONT END AND DATA CLEANING

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**ASIA** – TABLEAU DASHBOARDS & VISUAL DESIGN

**WILLIAM** – DOCUMENTATION & FINAL PRESENTATION

# WHAT DATASET?

DARK NET MARKETPLACE DATA (AGORA 2014-2015) ([LINK](#))

DARKNET MARKET COCAINE LISTINGS ([LINK](#))

# WHY DID WE CHOOSE THIS?

WE WANTED TO INVESTIGATE HOW DARKNET OPERATES.  
BUT ALSO CAUSE WE WERE CURIOUS ABOUT THE DATASET.

# WHAT IS THE DARK WEB OR DARK NET?

- **ACCORDING TO THE U.S. DEPARTMENT OF THE TREASURY PRESS RELEASE FROM MARCH 4, 2025, THE OFFICE OF FOREIGN ASSETS CONTROL (OFAC) DISCUSSED THE RECENT TAKEDOWN OF NEMESIS, AN ONLINE DARKNET MARKETPLACE. "NEMESIS HAD OVER 30,000 ACTIVE USERS AND 1,000 VENDORS AND FACILITATED THE SALE OF NEARLY \$30 MILLION WORTH OF DRUGS AROUND THE WORLD BETWEEN 2021 AND 2024, INCLUDING TO THE UNITED STATES".**
- **PER TRM LABS 2025 CRYPTO CRIME REPORT, THAT "DESPITE THE MANY CHALLENGES FACED BY DARKNET MARKETPLACES OVER THE COURSE OF 2024, THESE PLATFORMS HAVE NEVERTHELESS SEEN A SLIGHT INCREASE OF INCOME COMPARED TO 2023, GENERATING MORE THAN USD 1.7 BILLION. KEEPING TO THE TREND WITNESSED IN 2023, RUSSIAN-LANGUAGE DARKNET MARKETPLACES CONTINUE TO BE RESPONSIBLE FOR THE VAST MAJORITY OF REVENUE GENERATED, CONTRIBUTING OVER 97% TO THE OVERALL VOLUME OF ILLICIT DRUG SALES (UP MORE THAN 1% FROM 2023) IN BITCOIN AND TRON.**

# RESEARCH QUESTIONS

1. What is the price difference around the world?? How does the quality affect it?
2. Cocaine Uncovered: Where it's sold? What it costs? and how it ranks? (Agora Dataset)
3. How do pricing and geographic trends in cocaine sales vary across darknet marketplaces?



# DATA CLEANING

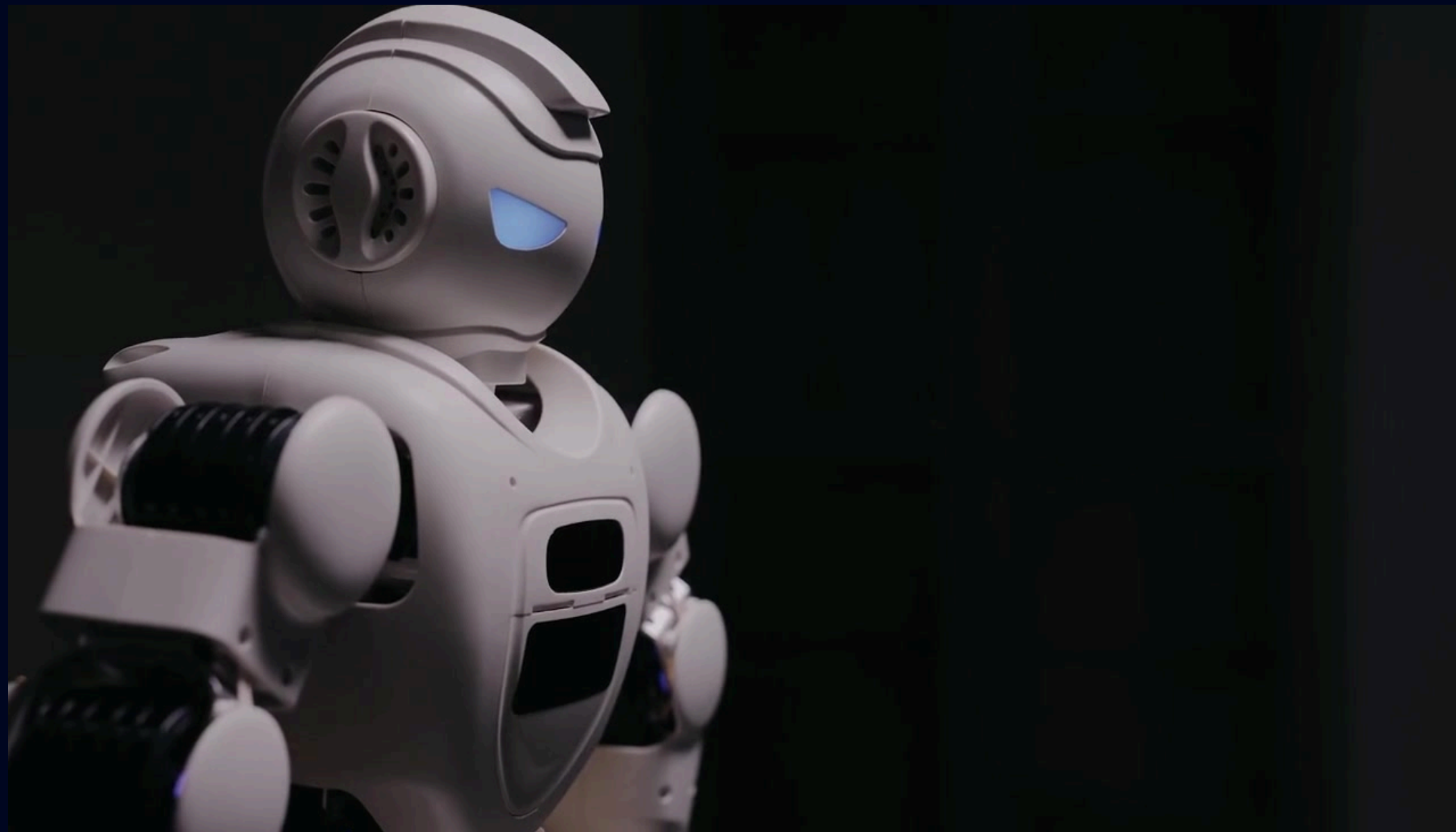


# TABLER





# ML EXPERIMENT





# BAISES AND LIMITATION



**CONCLUSION**

