

UNVEILING THE TRUTH:

PREDICTING FAKE NEWS

USING LOGISTIC REGRESSION

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CONTENTS

- INTRODUCTION
- PROBLEM
STATEMENT
- OBJECTIVE
- METHODOLOGY
- CONCLUSION

INTRODUCTION

- In today's world, fake news has become a significant challenge.
- It affects individuals seeking accurate information, organizations striving to maintain their reputations, and even governments trying to uphold democratic processes.
- With the assistance of cutting-edge machine learning technology, we now have the capability to predict whether a news article is genuine or fabricated.

PROBLEM STATEMENT

- Fake news is an increasingly pervasive issue in the modern world, posing a substantial threat to individuals, organizations, and even governments.
- Leveraging machine learning, this presentation aims to address the critical problem of accurately distinguishing between authentic and fabricated news articles.



OBJECTIVE

- The primary objective of a fake news prediction system using logistic regression is to accurately identify and flag false or misleading information in news articles and digital content.
- This serves to mitigate the dissemination of disinformation, enhance media literacy, and safeguard the reputation of individuals and organizations.



METHODOLOGY

- Importing the Libraries
- Data Pre-processing
 - Splitting the dataset to training & test data
- Evaluation
- Making a Predictive System

CONCLUSION

In conclusion, fake news prediction systems utilizing machine learning are invaluable tools for identifying and combating misinformation, thereby bolstering media literacy and trust in credible sources. They exemplify the potential of AI to mitigate the spread of false information in the digital age. Continuous refinement and transparency are essential to ensure their effectiveness against evolving challenges.

THANKYOU!!!