

TITLE

INNOVATIVE IMDB SCORE PREDICTOR

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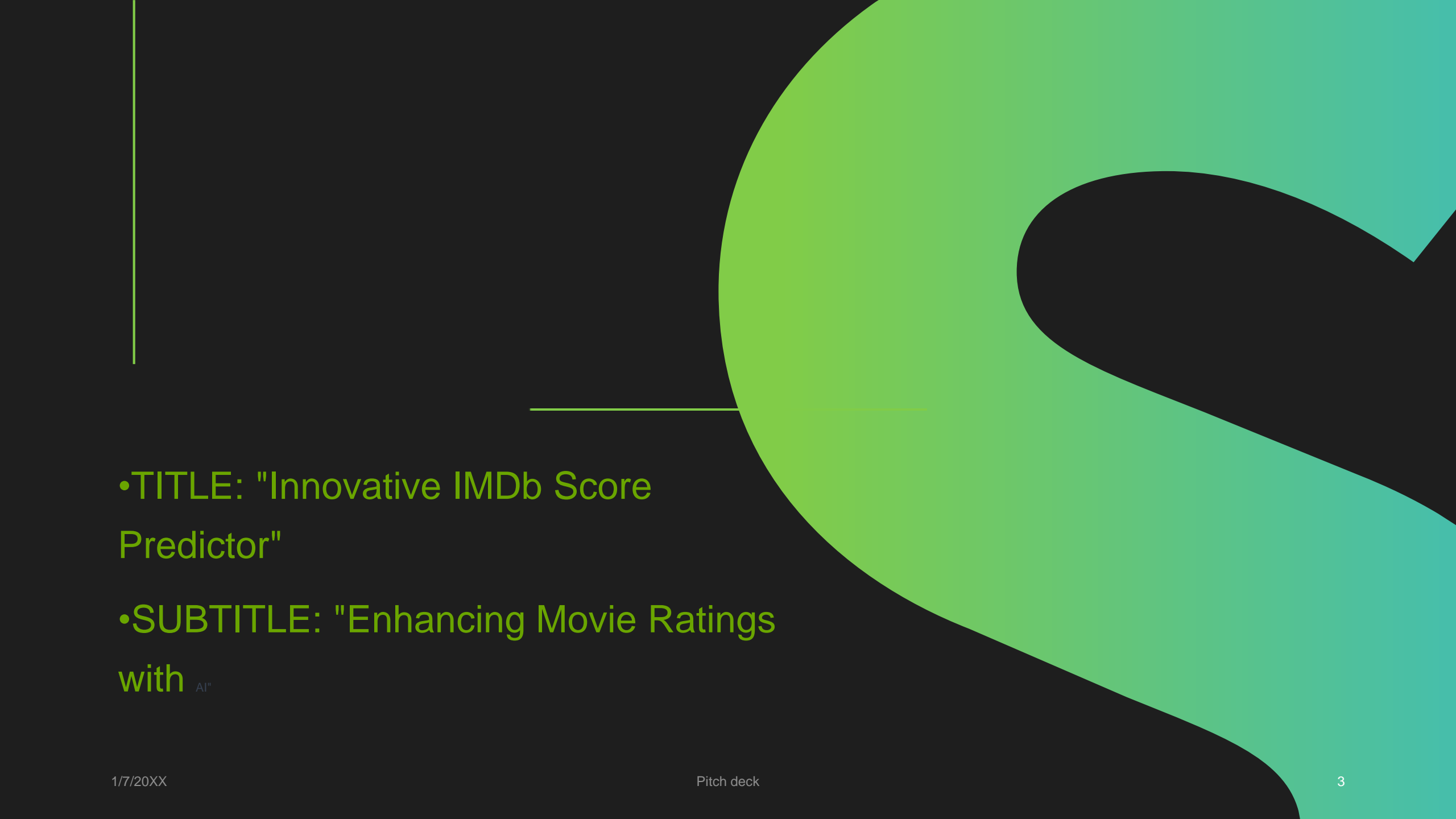
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B SCORE
PREDICTOR

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- TITLE: "Innovative IMDb Score Predictor"
 - SUBTITLE: "Enhancing Movie Ratings with AI"



INTRODUCTION

- ❖ Briefly introduce the concept of predicting imdb scores.
- ❖ Mention the importance of accurate score predictions for the film industry and movie enthusiasts.

DATASET FOR IMDB SCORE PREDICTION

<https://www.kaggle.com/datasets/luiscorter/netflix-original-films-imdb-scores>

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COLUMNS USED:

- Title
- Genre
- Premiere
- Runtime
- IMDB Score
- Language



MULTIMODAL DATA INTEGRATION

- ❖ Describe the importance of gathering various data sources.
- ❖ List the types of data to be integrated (textual, visual, audio, social media, historical IMDb data).

ADVANCED NLP AND COMPUTER VISION



- ❖ Explain the role of NLP and Computer Vision in extracting features from data.
- ❖ Provide examples of what each can analyze (keywords, sentiment, posters, etc.).

USER PREFERENCES AND DEMOGRAPHICS

- ❖ Highlight the need for personalization in IMDb score predictions.
- ❖ Discuss the collection of user-specific data for customization.



Collaborative Filtering

- ❖ Explain how collaborative filtering can enhance predictions.
- ❖ Mention the importance of discovering movies based on similar users' preferences.

REAL-TIME DATA AND SENTIMENT ANALYSIS

- ❖ Discuss the significance of real-time data.
- ❖ Explain how sentiment analysis contributes to predicting IMDb scores.

Explainability and Transparency

- ❖ Describe the importance of transparency in prediction models.
- ❖ Introduce SHAP as a technique for explaining predictions.

EVALUATION AND FEEDBACK LOOP

Mobile App and API Integration

- ❖ Discuss the importance of user feedback.
- ❖ Explain the continuous improvement process.

- ❖ Mention the accessibility of IMDb score predictions through a mobile app.
- ❖ Highlight the API for filmmakers and studios.

MONETIZATION STRATEGIES

- ❖ Discuss the freemium model and premium features.
- ❖ Mention potential partnerships with streaming platforms and theaters.

DATA PRIVACY AND SECURITY

- ❖ Emphasize the importance of data privacy and security.
- ❖ Briefly describe the measures in place to protect user data.



CONCLUSION

- ❖ Summarize the key points of the presentation.
- ❖ Reiterate the benefits of the innovative IMDb score predictor.

The background of the slide is a composite image. On the left, there is a profile of a young Black woman with her hair in braids, looking towards the right. On the right, there is a close-up of a hand using a soldering iron on a circuit board with various electronic components and wires. The entire image has a green color overlay.

THANK YOU

Express gratitude
to the audience for their
attention.

Provide contact information
for further inquiries.