

# **MACHINE LEARNING MODEL DEPLOYMENT WITH IBM CLOUD WATSON STUDIO**

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FROM PROBLEM DEFINITION TO REAL-TIME PREDICTIONS



# PROJECT OVERVIEW

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- High-level summary of the project's purpose and goals.

# OBJECTIVE

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- Clearly stated objectives of the project.
- What the project aims to achieve.

# DESIGN THINKING PROCESS

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- Explanation of the design thinking process used to identify and address the predictive use case.
- Considerations, challenges, and constraints.

# DEVELOPMENT PHASES

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- Overview of the project's different phases, including problem definition, innovation, development parts 1 and 2, and project documentation.



# PREDICTIVE USE CASE

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- Detailed description of the chosen predictive use case.
- Importance and value of the use case in real-world applications.

# DATASET SELECTION

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- Explanation of how the dataset was chosen, its source, relevance to the use case, and any preprocessing steps involved.

# MODEL TRAINING

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- Insights into the machine learning model chosen.
- Details about the training process, feature engineering, and optimization techniques used.



# DEPLOYMENT PROCESS

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- Description of the steps involved in deploying the model as a web service using IBM Cloud Watson Studio's deployment capabilities.

# ACCESS AND UTILIZATION

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- Explanation of how others can access and utilize the deployed model for real-time predictions.
- Include any authentication or security considerations.

# SUBMISSION

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- Mention the GitHub repository link containing the project's code and related files.
- Emphasize that it's publicly accessible.

# CONCLUSION

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- Summarize the key takeaways from the presentation.
- Thank the audience for their attention.
- You can use these slides as a framework for your PowerPoint presentation, expanding on each slide's content as needed. Don't forget to include visuals, diagrams, and examples to make your presentation engaging and informative.