

Data Science Internship at ZIDIO DEVELOPMENT INDIA

Certificate of Completion

I am excited to share that I have successfully completed a Data Science internship with ZIDIO DEVELOPMENT INDIA, where I gained extensive hands-on experience in the field of data science. This internship provided me with a solid foundation in several key areas, including:

- **Machine Learning:** I explored various machine learning algorithms, understanding their applications and refining my skills in model building and evaluation.
- **Statistical Modeling:** I learned to apply statistical models to real-world data, drawing meaningful insights and making data-driven decisions.
- **Data Science Projects:** Throughout the internship, I worked on multiple data science projects, each offering unique challenges and opportunities to apply the concepts I learned.

Capstone Project: Heart Disease Prediction

As a culmination of the internship, I undertook a project focused on **Heart Disease Prediction**. Leveraging the knowledge and skills acquired during the internship, I developed a predictive model aimed at identifying the likelihood of heart disease in patients based on their medical data.

Project Highlights:

- **Algorithm Accuracy:** The predictive algorithm I developed achieved an impressive 94% accuracy, showcasing the effectiveness of the model in making reliable predictions.
- **Tools and Techniques:** I utilized various machine learning techniques and tools, such as Python, Scikit-learn, and Pandas, to preprocess the data, build the model, and evaluate its performance.
- **Outcome:** The high accuracy of the model demonstrates the potential for machine learning to significantly contribute to the early detection and prevention of heart disease.

This internship has been a pivotal experience in my journey as a data scientist, providing me with practical skills and a deeper understanding of the field. I'm excited to continue building on this foundation and applying my knowledge to solve real-world problems.