DATA SCIENCE AND ANALYTICS

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SUMMARY

- During my internship in Data Science and Analytics, I had the opportunity to work on real-world datasets, apply machine learning techniques, and derive meaningful insights. This experience enhanced my technical skills in data analysis, programming, and statistical modeling while providing exposure to industry practices.
- My internship in Data Science and Analytics was an enriching experience that strengthened my analytical abilities and technical expertise. The practical exposure to real-world challenges helped me enhance my problem-solving skills and prepared me for a future career in data science.

ORGANIZATION

- PRIME SOLUTIONS is a Software Training and Project based company that provides reliable and efficient technology products and services across multiple frameworks and business functions in COIMBATORE, we are committed to delivering cost effective, client specific solutions.

- Founded in 2013, PRIME SOLUTIONS has been a successful in the areas of Software such as HTML, CSS, JAVASCRIPT, Nodejs, React js, Angular js, Data Science, WordPress, .NET, Full Stack Development, JAVA, J2EE, SOFTWARE TESTING-AUTOMATION, ANDROID, PYTHON.

OBJECTIVES

- Work on real-world projects involving data wrangling, predictive modelling, and optimization of solutions.
- Analyse large datasets to uncover trends, patterns, and actionable insights for business decision-making.
- Explore advanced techniques such as machine learning, natural language processing (NLP), or time series analysis.
- Stay updated with emerging trends and tools in the field by attending webinars and online workshops.
- Build a portfolio showcasing analytical and problem-solving skills through diverse projects.

WORKS ASSIGNED

- Learning Data Science Fundamentals: Gaining a solid foundation in data science, including data preprocessing, statistical analysis, and understanding machine learning algorithms.
- Data Collection and Integration: Writing SQL queries to extract and manage data from various databases, along with integrating diverse datasets for comprehensive analysis.
- Projects: Conducting exploratory data analysis (EDA) to uncover trends, patterns, and actionable insights, and building predictive models to solve real-world problems.
- Testing and Validation: Involved in model testing and validation to assess performance, accuracy, and reliability of predictive or descriptive analytics solutions.

CONCLUSION

- My internship has been a transformative learning experience, providing me with hands-on exposure to real-world data challenges and industry best practices. Throughout this journey, I have developed strong technical skills in data analysis, programming, and problem-solving while also enhancing my ability to work .
- Despite facing challenges such as debugging errors, handling large datasets, and adapting to new tools, these experiences have strengthened my resilience and analytical thinking. The opportunity to work on real projects has deepened my understanding of business applications, data-driven decision-making, and effective communication of insights.
- Overall, this internship has not only expanded my technical expertise but also prepared me for future roles in data science and analytics. I am grateful for the knowledge gained, the mentorship received, and the skills honed, all of which will serve as a strong foundation for my professional growth.

THANK YOU