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Inspiring generation

My Data Science Internship By Oeson

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By June 2025, I have completed my Data Science internship at Oeson, which was a wonderful complementary addition to my first experience in the data field, to my first data analytics internship. During the period of three months, I got the chance to get hands on training and work on different projects both during the trainings and on my own as assignments and capstone project. Looking back, I believe I had the chance to improve my skills a lot and gained more confidence in the field of data science. In this period I had the chance to utilize my skills in different Python packages and got introduced to new ones for machine learning and deep learning. I got to learn more about the algorithms and foundations of machine learning and deep learning and used Power BI and Tableau to create data visualizations and created different dashboards for different scenarios.

During the training, I got the chance to learn about and practice the exploratory data analysis, statistical analysis, financial news data analysis, sentiment analysis and recommendation systems, different deep learning algorithms, different machine learning methods, presentation skills as well as got support for career development via different live projects.

I worked on three different project scenarios, first one was the “Casino Revenue Prediction Analysis”, I implied different machine learning algorithms to predict the revenues, the second one was “Hospital Readmission for Heart Disease Patients Prediction Analysis” in which I got to enhance my skills further and utilized different machine learning algorithms again, and for the capstone project I completed the “River Waste Prediction Analysis 2015-2060” utilizing the new methods I have learned in deep learning and machine learning like multi layered perceptron regressors, and XGBoost, as well as feature engineering and optimization, I utilized Scikit learn, Tensorflow and Keras for that, and created dashboards utilizing Power BI.

Overall, thanks for the support of my mentor Manisha and Oeson Learning, it has been a wonderful experience for me, and made me want to proceed further in a data driven career path.