

DATA SCIENTIST



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The Zebra,
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Dear Hiring Team,

I was pleased to learn of the available Data Scientist position at The Zebra posted on LinkedIn. With my 4 years of experience managing data-related solutions under my belt, I am confident I will be a valuable asset to your team.

In my current role as a Data Scientist at HCC, I have been afforded the unique opportunity to spearhead a project focused on big data processing. This project has allowed me to drastically expand my predictive analytics and behavior analysis capabilities. Through my management, the project has produced substantial profitable results for HCC. I am well versed in deriving viable solutions to complex business problems through big data analysis and management.

During my position with University of Houston, I worked extensively with machine learning and data mining techniques to infer marketing insights and forecast in student housing. I was responsible for using data visualization techniques to increase the usability and accessibility of data for marketing Housing and Residential Life department. Working closely other departments allowed me to hone my interpersonal skills and the ability to present complex technical information to non-technical personnel.

It would be a pleasure to learn more about The Zebra expansion plans and provide further insight into how my highly developed data analytic abilities, experience managing large data sets, robust predictive analytics, and machine learning skills can help your company achieve these results. Some notable contributions to my previous employers include:

- Conducted a data regression analysis of the relationship between presented models for student recruitment factors, achieving a 18% improvement of following cohort attainment for coming semester
- Used predictive analytics such as machine learning and data mining techniques to forecast whether students who resided on campus will churn 12% better than traditional figures

Thank you for your time and for considering my candidacy for this position. I look forward to hearing from you in the near future to schedule an interview.

Yours truly,

Maryam Esmalifalak