

Data Scientist

at Zoro (View all jobs)

Chicago, Illinois, United States

Company Summary:

Zoro is an eCommerce company that's on a mission to help business owners get everything they need to run their businesses and thrive—from office supplies to power tools. But we're way more than a website. We're a team of great people with an award-winning culture. Check us out and see for yourself!

Position Description

Our Data Scientists are key contributors to the development of Zoro's customer, product, eCommerce, and pricing plans. The Data Science team covers a broad scope of projects including areas of customer retention, customer segmentation, A/B testing, marketing investment optimization and effectiveness, promotion forecasting, and pricing analysis. We are closely integrated with our business leaders and support their ability to make critical decisions. At Zoro, you will be challenged by new questions every day.

Duties and Responsibilities:

- Build predictive and inference models using python to support business initiatives in the areas of customer acquisition, activation, engagement, retention and channel optimization.
- Partner with marketing and other business stakeholders to make well-informed decisions backed by consumer, behavior and product data.
- End to end project execution: collaborate with business stakeholders to scope business objectives as well as propose, design, execute and measure data scientific solutions.
- Translate data insights into actions and recommendations that will drive user engagement, marketing effectiveness and customer retention efforts.
- Collaborate with other data scientists to develop and implement algorithms, write code, evaluate relevant academic research, and deliver outputs.
- Provide guidance to the company on the tools, data sources, and best practices necessary to streamline workflows and enhance effective collaboration.
- Document code and data science processes that are critical to the company, and develop strategies to ensure those processes are robust and fault-tolerant.
- Communicate findings to business leaders and colleagues using data visualizations, presentations, and written means.

Minimum Qualifications:

- 3+ years of experience leading data science projects that have a direct impact on a company's objectives.
- 3+ years' of experience utilizing data mining techniques, ML models to assist business decision making. Hands-on experience with deep learning frameworks.
- Strong knowledge of statistical methods, testing hypotheses, regression analysis, and planning experiments.
- 3+years of experience utilizing Python to prepare and work with large, varied datasets, developing and deploying predictive models on various computing environments.
- Demonstrated proficiency in SQL and cloud-hosted data platforms (Google Cloud Platform, AWS, etc)
- Good familiarity in areas including marketing analytics, marketing campaigns, channels and customer 360 views.
- Master's degree in quantitative fields such as Data Science, Statistics, Computer Science, Engineering, Operational Research, or Economics.
- Strong communication skills. Must be able to interact cross-functionally and drive both business and technical discussions for alignment and ability to present results/findings.
- Ability to translate complex business problems into project plans, design, execute and solve them by analyzing large amounts of data .

Preferred Qualifications:

- Experience using data science in an internet retailer or a top-tier consumer-focused company.
- Experience with LLMs, Generating AI tools, NLP.
- Experience using containerization tools like Docker and Kubernetes in production environments.
- Experience using orchestration tools such as Airflow or Kubeflow for production workloads.
- Knowledge of web tracking technology and web analytics tools (Google Analytics, Adobe Analytics, etc.).

Zoro Values and Inclusive Culture:

Zoro is dedicated to fostering an environment where people of all backgrounds and beliefs are represented and valued. We aim to empower all of our employees to learn about, raise awareness of, and promote diversity and inclusion through all of our workplace interactions. Zoro is a place where everyone can learn, grow, and thrive.

We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender, gender identity or expression, or veteran status. We are proud to be an equal opportunity workplace.