

Position Summary...

What you'll do...

About E2E Data & Analytics, Center of Excellence

The E2E Data & Analytics team provides comprehensive analytical solutions, empowering our business customers to make data-driven decisions.

We are looking for a Senior Data Scientist with expertise in optimization and simulation to join E2E Data & Analytics.

We offer a Relocation Package; Remote is NOT an Option. This Position is based in Bentonville, AR.

What You'll Do

Identifying opportunities and business problems and framing them into advanced optimization models (e.g., linear programming, mixed-integer programming, constraint programming).

Performing in-depth data exploration and analysis to uncover insights, trends and patterns that inform optimization models.

Developing and refine algorithms for process improvements, resource allocation and cost optimization.

Ensuring optimization and simulation models are scalable and robust for production deployment.

Developing dashboards and visualizations to communicate model performance and recommendations to stakeholders.

Staying current on industry best practices, emerging technologies, and new methodologies in optimization and simulation.

Partnering with product managers, operations teams, and other data scientist to translate business objectives into optimization models.

What You'll Bring

Expertise in mathematical modeling, linear programming, mixed-integer programming, constraint programming.

Proficiency in programming languages like Python, Java, C, C++, with experience using optimization libraries like Gurobi, CPLEX, or Xpress.

Strong experience with simulation frameworks and techniques (e.g., Monte Carlo, discrete-event, agent-based simulation).

Solid understanding of statistical methods and machine learning concepts.

Excellent communication skills, with the ability to explain complex models and insights to non-technical audiences.

Strong problem-solving and analytical skills, with attention to detail.

The above information has been designed to indicate the general nature and level of work performed in this position.

About Walmart General/Not Function Specific

At Walmart, we help people save money so they can live better. This mission serves as the foundation for everything we do.

Future Ways of Working

Our company's success can be attributed to our employees. While technology has allowed us to be effective in many ways, our people remain our greatest asset.

Benefits & Perks

Beyond competitive pay, you can receive incentive awards for your performance. Other great perks include flexible work schedules, tuition reimbursement, and more.

Equal Opportunity Employer

Walmart, Inc. is an Equal Opportunity Employer – By Choice. We believe we are best equipped to help our associates live better, work better, and grow better.

Who We Are

Join Walmart and your work could help over 275 million global customers live better every week. Yes, we're a big company, but we're also a team.

At Walmart, we offer competitive pay as well as performance-based bonus awards and other great benefits for all associates.

You will also receive PTO and/or PPTO that can be used for vacation, sick leave, holidays, or other purposes.

For information about PTO, see <https://one.walmart.com/notices>.

Live Better U is a Walmart-paid education benefit program for full-time and part-time associates in Walmart U-eligible roles across all countries.

Eligibility requirements apply to some benefits and may depend on your job classification and length of employment.

For information about benefits and eligibility, see One.Walmart.

The annual salary range for this position is \$90,000.00-\$180,000.00.

Additional compensation includes annual or quarterly performance bonuses.

Additional compensation for certain positions may also include:

- Stock

Minimum Qualifications...

Outlined below are the required minimum qualifications for this position. If none are listed, there are no minimum qualifications.

Option 1- Bachelor's degree in Statistics, Economics, Analytics, Mathematics, Computer Science, Information Systems, or related field.

Preferred Qualifications...

Outlined below are the optional preferred qualifications for this position. If none are listed, there are no preferred qualifications.

Data science, machine learning, optimization models, Master's degree in Machine Learning, Computer Science

Primary Location...

608 Sw 8Th St, Bentonville, AR 72712-6207, United States of America