

Position Summary...

What you'll do...

About the Role:

We are seeking a highly motivated and experienced Principal Data Engineer to join our growing team. In this role, you will:

What You Will Do:

Architect, design, and implement high-performance data pipelines and ETL processes for large-scale advanced analytics.

Develop and maintain data infrastructure and platforms using open-source technologies, ensuring scalability and reliability.

Collaborate with data scientists to build and deploy machine learning models that generate insights and recommendations.

Work closely with stakeholders to understand business requirements and translate them into technical solutions.

Champion data quality, governance, and best practices across the organization.

Mentor and guide junior data engineers, fostering a culture of technical excellence.

Stay abreast of industry trends and emerging technologies, identifying opportunities to enhance our data capabilities.

Contribute to the development and evolution of our data strategy and roadmap.

What You Will Bring:

Deep understanding of data warehousing concepts, dimensional modeling, and ETL best practices.

Strong proficiency in SQL and at least one scripting language like Python or Java.

Hands-on experience with open-source big data technologies such as Hadoop, Spark, Kafka, and Hive.

Experience with cloud platforms like GCP or Azure, including their data storage, processing, and analytics services.

Familiarity with data modeling tools and techniques.

Excellent communication and collaboration skills, with the ability to work effectively in a cross-functional team.

Passion for data and a strong desire to solve complex problems.

Experience with advertising systems and data analytics is a plus.

Experience with machine learning and data science concepts is a plus.

Preferred qualifications:

Advanced degree in data science, computer science, statistics, operation research, or related fields.

8+ years of experience in data engineering, with a proven track record of building and scaling data-intensive systems.

Experience leading teams is a big plus.

Bonus Points:

Experience with data visualization tools (e.g., Tableau, Looker)

Experience with data governance and data privacy best practices

Experience with real-time data processing and streaming technologies

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. The availability and use of these benefits varies by position.

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 stores or Walmart.com.

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 \$143,000.00-\$286,000.00.

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 Computer Science and 5 years' experience in software engineering or related field.

Option 2: 4 years' experience in data engineering, database engineering, business intelligence, or business analytics.

Preferred Qualifications...

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

Data engineering, database engineering, business intelligence, or business analytics, ETL tools and worki

Primary Location...

680 West California Avenue, Sunnyvale, CA 94086-4834, United States of America