Malav Desai

ENGL-100WB, Section 3

WP #3 Job Packet

November 10, 2022

Data Analyst, Quality Engineering

Job Category	Manufacturing
Location	Fremont, California
Req. ID	108912
Job Type	Full-time

Apply

Tesla participates in the E-Verify Program

What to Expect

Tesla's mission is to accelerate the world's transition to sustainable energy. We are committed to hiring the world's best and brightest people to help make this future a reality. Every Tesla is designed to be the safest, quickest car in its class—with industry-leading safety, range, and performance. Quality Engineering team plays a key role in ensuring safety of our customers by providing world class Quality of our products. Quality Systems and Analytics team is looking for a key player on the team who can help drive Quality data analytics and help cross-functional engineering organizations to provide opportunities in product quality improvements. Candidate should have experience working with large data sets, finding best ways to engineer the data to help create critical KPI metrics, building innovative visualizations and dashboards all the while keeping in mind what improvements can be driven in underlying data systems.

What You'll Do

- Analyze manufacturing, equipment and vehicle data and extract useful statistics and insights about failures in order to drive meaningful improvements to production quality and customer experience
- Work effectively with engineers and conducting end-to-end analyses, from data requirement gathering, to data processing and modeling
- Interpret data, analyze results using statistical techniques and provide ongoing reports
- Monitoring key product metrics, understanding root causes of changes in metrics
- Identify, analyze, and interpret trends or patterns in complex data sets and depict the story via dashboards and reports
- Acquire data from primary or secondary data sources and maintain databases/data systems to empower operational and exploratory analysis
- Maintaining existing data visualizations, data pipelines and dashboard enhancement requests
- Automating analyses and authoring pipelines using SQL, Python, Airflow, Kubernetes based ETL framework
- Drive underlying data systems improvement by working with key cross-functional stakeholders
- Perform data quality validations to ensure data creation is as per the business needs and expectations
- Work with management to prioritize business and information needs

What You'll Bring

- BS/MS in Management Information Systems, Computer Science, Math, Physics, Engineering, Statistics or another technical field. Equivalent experience also acceptable.
- 3+ years of work experience in data analytics or engineering related field
- Strong knowledge of SQL and experience with multiple data architecture paradigms (MySQL, MicrosoftSQL, Vertica, Oracle, kafka, Spark)
- Proficient at ad-hoc analysis using SQL queries, python data analysis packages (e.g.Pandas, Numpy), report writing and presenting findings

The company's name is Tesla which is located in Fremont, California. I'd be applying for the job title of Data Analyst. Some of the qualifications needed for this job is BS/MS in Management Information Systems, 3 or more years of experience in Data Analytics, Knowledge of SQL and Python. Some of the major tasks that will be given to me are Interpreting data, working with engineers, and analyzing data and using statistical information to improve production experience. Salary is around 98k per year with benefits such as 401k, PTO, Health Insurance, and Dental Insurance.

Our company

Changing the world through digital experiences is what Adobe's all about. We give everyone—from emerging artists to global brands—everything they need to design and deliver exceptional digital experiences! We're passionate about empowering people to create beautiful and powerful images, videos, and apps, and transform how companies interact with customers across every screen.

We're on a mission to hire the very best and are committed to creating exceptional employee experiences where everyone is respected and has access to equal opportunity. We realize that new ideas can come from everywhere in the organization, and we know the next big idea could be yours!

The Challenge

Are you passionate about guiding teams on how to improve experience in today digital workplace? The Enterprise productivity organization is seeking an enthusiastic, autonomous and multifaceted Product Analyst to drive the establishment of an experience management program that will help Adobe teams realizing their vision. You will design and deliver solutions for the technology platform with a team of engineers and technical experts.

What you'll do

- Work with cross-functional partners to drive consensus across teams and advocate for solutions that balance the needs of our users with our business goals
- Provide support to internal partners, this may include survey/assessment design, change management consulting, post-survey data analysis and interpretation, executive presentations, action planning consulting
- Be the voice of the employee and customer
- Drive research and requirements capturing to influence product opportunities and value propositions. Use analytics and data to refine the product strategy and plan
- Partner with global teams to collaborate on common processes to support shared and initiatives are rolled out globally where applicable
- Develop dashboards and key performance metrics to monitor project and operational health
- Participate in one or more scrum teams as a product owner to define goals, set priorities and help manage the backlog

Requirements:

- Bachelor's degree in Software Engineering, Computer Science, Information Systems, or a related technical field
- 2-4 years of experience at a Technology Software as a Service (Saas) company
- 2-4 years of experience with project management
- Proficient with HTML/CSS and Javascript
- Experience configuring SaaS software solutions or conducting technical trainings
- Superb communicator and problem-solver
- Demonstrated success in working with digital product teams – leading collaboration between external and internal engineering, UX, project management & product teams; shipping products that deliver results.
- Strong analytical skills and a drive to experiment; ability to use data to drive decision making in product development
- Ability to manage complex builds through thoughtful prioritization and disciplines that drive towards delivery
- Agile/Scrum experience is preferred.
- Experience in technologies such as Medallia is preferred

This company's name is Adobe and the location for this company is San Jose, California. The job title for this role is Insights and Experience Analyst. Some requirements needed for this job is having a b.s. Degree in Computer Science or Management Information Systems, Proficient with HTML/CSS and Javascript, 2-4 years of experience with project management. Three major tasks involved with this job include working with partners to advocate for solutions that balance the needs of our users, Drive research and influence data to create new product opportunities, as well as develop dashboards and key performance metrics to monitor project and operational health. The salary for this job is $110,000 a year and some of the benefits of this job include 401k, PTO, and health insurance.

Malav Desai

Antioch, California - (925) 642-7060 - malavdesai32@gmail.com

Education

San Jose State University (San Jose, California) August 2022 - May 2024
Bachelors of Science in Business Administration, Management Information Systems Concentration
3.7 GPA - Dean's List Spring 2023, Fall 2023, and Spring 2024

Los Medanos College (Pittsburg, California) August 2019 - May 2022
Associate in Science in Business Administration for Transfer
3.54 GPA - Dean's List Spring, Fall 2021, and Spring 2022

Experience

NCAA Men's Basketball Analyst Intern: UC Berkeley (Berkeley, California)
Fall 2023 - Spring 2024

- Implemented new analyzing technology that helps users keep track of stats of points, minutes, and field goal percentages
- Film and analyze training sessions
- Collaborated with engineers to find solutions to programs mistakes
- Led a research team that analyzed data which helps players on finding new way on how to further progress players skill, tips were analyzed by field goal percentages, points per game, and assists statistically all improving

San Jose State On Campus Housing Research: SJSU (San Jose, California) Spring 2023

- Published data on campus living situations with student population
- Determined which students were in need of housing
- Provided tools which analyzed amount of students who wanted to stay on campus

Special Skills

- Intercultural speaking skills
- Analyzing critical data
- Python and SQL Programming Proficiency
- Critical Thinking
- Proficient in Windows and Mac operating systems

Honors

- Awarded "Honors Scholarships" at Los Medanos College (Spring, 2021)
- Designed and implemented new sports analytics software at San Jose State University (Fall, 2022)
- Won Employee of the month at UC Berkeley

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Experience
Project Management Intern: Best Western (Antioch, California)
Fall 2023 - Spring 2024
- Understood and guided team on process of project goals and helped define future plans
- Coordinated Project scope such as blueprints, files, meetings, etc.
- Delivered deliverables on specific dates, times, and locations which improved project timeline
- Computed Excel spreadsheets which covered all financial logistics that helped cut costs down by 7%

User Interface and Consumer Analysts: Apple (Cupertino, California) Fall 2022 - Spring 2023
- Contested in Scrum team competitions where the team and I would work on mini projects in designing dashboards
- Collaborated with both employees and consumers on the bridge of products to help meet consumer satisfaction that increase target market sales by 5%
- Conducted Survey to people in the apple store to find out consumers preferences on UI which helped software developer team implement new features for upcoming iOS update

Special Skills
- English(Native Language); Hindi(Intermediate); Gujarati(High-Intermediate); Spanish(Intermediate)
- Excellent Scrum participator
- Exceptional Public Speaker
- Software Proficiency (C++, JavaScript, HTML)

Honors
- Awarded "Honors Scholarships" at Los Medanos College (Spring, 2021)
- Member of Experience Analyst Association at San Jose State University (Fall, 2022)
- Awarded Certificate of Excellence for receiving 90% on project management workshop

Malav Desai
San Jose CA, 95112
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October 20, 2022

Jacob Darwin
Hiring Manager
Tesla
45500 Fremont Boulevard
Fremont, CA 94538

Dear Mr. Darwin:

I was reaching out to you to express my interest in the Data Analyst position at Tesla. I would like to be considered for this position as I believe I am well qualified for this role. I am a San Jose State University Alumni with a Bachelors of Science in management information systems. I would like to work for a company such as Tesla and with my experience and education I would be a great addition to your company.

During my time at San Jose State University I was helping innovate and design a new information system that helped students find housing as smoothly and efficiently as possible. Quickly my knowledge, leadership, and skills became apparent to all my supervisors and peers. Soon after I worked as a Data Analyst Intern at UC Berkeley for the men's basketball team. There I gained unique skill sets which gave me my confidence in my ability to analyze data to the highest level possible. I led my team into designing such an optimizing software that increased each player's efficiency that helped lead the players into success.

I believe that Tesla is already a very successful company with amazing accolades and creations which have innovated the world. I think that with both my educational background and work experience I would be an amazing asset to Tesla and help continue innovating. Please feel free to contact me at your convenience so that we can discuss setting up an interview. Thank you for your time and consideration, I hope to hear from you.

Best Wishes,

Malav Desai

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San Jose CA, 95112
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malavdesai32@gmail.com

October 18, 2022

Kelsey Wong
Recruitment Manager
Adobe
345 Park Ave
San Jose, CA 95110

Dear Ms. Wong:

I stumbled upon the application and wanted to reach out to you about my interest in the Insights and Experience Analyst job position at Adobe. I wish to be considered for this position as I believe I am well qualified for this role. I am a San Jose State University Alumni Bachelors of Science in management information systems. I am someone who has a plethora of passion for project management and information technology. With that said I am someone who can assist and use my skills and knowledge to help benefit the company.

I began working as a UI and Consumer Analyst where it was a great learning situation. Here I began learning professional etiquette, excelling in collaboration projects, and also understanding and meeting consumer needs to understand issues at hand. I have developed and refined my unique skill set as a Project Management Intern where I was given the opportunity to really flourish my ability to be a leader, solve rigorous problems, and also meet deadlines. I honed and perfected each and every single one of skills

I believe that with my educational background and work experience I would be an amazing asset to Adobe. Please feel free to contact me at your convenience so that we can possibly discuss setting up an interview. Thank you for your time and consideration and I look forward to hearing from you.

Best Wishes,

Malav Desai

Malav Desai

FROM: Malav Desai <malavdesai32@gmail.com>

TO: Jacob Darwin <jacobdarwin34@gmail.com>

SUBJECT: Data Analyst Job Interview

Hello Jacob,

I just wanted to reach out again and say thank you to you and the whole team for giving me an opportunity to come by the headquarters and do an interview for the Data Analyst position. I felt a very warm welcome as soon as I walked in the door and was super excited and interested by our conversation on the upcoming product project you guys plan to announce.

I believe that with my background, education, and the way our conversation was going that I will be a great asset to the Tesla team as a Data Analyst. Also something that I wanted to let you know which I forgot to mention in our interview was that I am trilingual. I speak fluently in English, Hindi, and Spanish. I feel like I could potentially help work with teams across the world in India and Mexico.

Like I said before Jacob I can't express this enough but thank you so much for your time and effort in answering all of my questions that I had. I believe that we can make this work and make tremendous progress for the Tesla team on the upcoming projects with my help. Hope to hear from you soon.

Sincerely,

Malav Desai

FROM: Malav Desai <malavdesai32@gmail.com>

TO: Kelsey Wong <kelseywong921@gmail.com>

SUBJECT: Insights and Experience Analyst Job Interview

Hello Kelsey,

I know it's only been a few days, but I just wanted to say thank you to both yourself and the entire team at Adobe for offering me an opportunity to do an interview for the Insights and Experience Analyst position. I have never felt a more warm and welcoming group of people in the work environment and made me super hopeful in possibly getting the opportunity to work there one day with the team on all your future projects.

I hope that talking about my experience, education, and my skills during our conversation was enough to show you that I believe I would be a great addition to the Adobe Analytics team. Some other skills I forgot to mention during the interview was that I am fluent in all forms of operating systems and coding languages which is accredited by certification I have earned at my schools and bootcamps. I feel like my ability to be advanced than most in programming would only benefit the people at Adobe.

Again, Kelsey, I hope that you understand my appreciation and gratitude for taking the time to even consider my application and interviewing me. I believe that this situation will work out for both parties. Hope to hear from you soon.

Sincerely,

Malav Desai

FROM: Malav Desai <malavdesai32@gmail.com>

TO: Jacob Darwin <jacobdarwin34@gmail.com>

SUBJECT: Job Acceptance: Data Analyst (Job ID #108912)

Hey Jacob,

Thank you for the opportunity to get a job offer for the Data Analyst position with a base salary of $45 per hour plus benefits. I am excited about the opportunity and accept the job offer.

As I mentioned in our interview, I have full availability and also ready to start as soon as October 25. I'm super excited to get to work with you and the rest of the team.

Thank you so much for your time. I look forward to hearing from you with further information, details, instructions, and paperwork.

Sincerely,

Malav Desai

FROM: Malav Desai <malavdesai32@gmail.com>

TO: Kelsey Wong <kelseywong921@gmail.com>

SUBJECT: Insight and Experience Data Analyst position

Hey Kelsey,

Hope all is well, I just wanted to reach out and say thank you for the opportunity to get a job offer for the Insight and Experience Data Analyst position. It was a pleasure meeting with you and the team. Unfortunately I regret to inform you that I am not going to accept this job offer.

I wanted to say during my time in the interview with you and the rest of the team I had such a great time speaking with you all and was delighted about the opportunity for the position once you guys sent your proposal, but unfortunately the timing is not right and I have accepted a job elsewhere.

Thank you so much for your time and effort you guys put in when you guys were attempting to hire me. I wish you and the team the best moving forward and hope that the position will be filled by another great candidate.

Sincerely,

Malav Desai

Malav Desai
San Jose, California - (925) 642-7060 - malavdesai32@gmail.com

Education
San Jose State University (San Jose, California) August 2022 - May 2024 (Anticipated)
Bachelors of Science in Business Administration, Management Information Systems
Concentration

Los Medanos College (Pittsburg, California) August 2019 - May 2022
Associate in Science in Business Administration for Transfer
3.54 GPA - Dean's List Spring, Fall 2021, and Spring 2022

Experience
Front Desk Clerk: Executive Inn (Antioch, California) Spring 2021 - Spring 2022
- Greeted and assisted new residents
- Led team in procedure routines
- Hired new workers
- Create spreadsheets that handle all financial transactions
- Handle renovation logistics
- Updated system to track daily residents

24 Hour Fitness - Front Desk Receptionist (Antioch, California) Summer 2022
- Assisted members with equipment and membership issues
- Assisted new people to create memberships
- Sold products to consumers that were interested in our inventory

Special Skills
- multilingual, Fluent in English, Hindi, and Gujrati
- Proficient in coding languages such as SQL, Python, C++, and Java
- Excellent public speaking skills
- Certified in Excel, Powerpoint, Word, and other Microsoft Office programs.
- Certified in typing 65 words per minute
- Administrative Network Techwork
- Efficient Marketing skills
- Certified in First Aid

Honors
- Dean's list at Los Medanos College
- Employee of the month at 24 hour fitness 2 months in a row
- President of AV Club in Community College
- Coach of semi professional esports team