



## Job Description – Data Engineer

### About Us:

AVASOFT is a 15-year Product company based out of Blue Bell Pennsylvania US with its offshore development center in Chennai. We have been recognized by multiple industry associations and more importantly by several customers for our unique and innovative products. Our Products are aimed at transforming business using cloud services, machine learning and automation in the areas of Modern Workplace, Cloud Computing, Mobility and Data Science. Our customers are in North America and Europe.

We are a team of 1500 people that is growing exponentially and during last year's campus recruitment we are the only company that gave 100% full-time employment to the interns who finished our internship.

We are looking to hire around 50 new team members from this year's off campus recruitment specifically for Data Science practice. For more details about the work, we do and our clients please visit us at <https://www.AVASOFT.com/>

### About this year's Recruitment & Internship process:

#### Who can apply?

2026 passing out students who have 0 to 1 year experience:

We expect individuals who are passionate about working in a challenging next gen software product development environment will be the best fit. We have no criterion for a minimum CGPA or arrears.

#### What are we looking for in a potential candidate?

1. Growth Mindset: An attitude of openness, eagerness, and endless possibilities.
2. Balanced Perspective: Someone who starts with great doubt and great faith, reflecting curiosity and determination, the highest-rated mindset in our performance pyramid.

**AVA Software Pvt. Ltd.,**

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3<sup>rd</sup> Floor – Beta Block,25, Old Mahabalipuram Road, Navalur,

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3. Effective Communication: Excellent written and verbal communication skills in English for clear and concise articulation.
4. Respect and Equality: A professional who treats everyone equally and seeks clarity by asking questions, regardless of the audience.
5. Technical Aptitude: A solid foundation in technical knowledge with a passion for problem-solving and continuous improvement.

#### **Technical expectations the candidate must fulfill:**

(It is not mandatory that candidates need to possess all the below-mentioned skills, having knowledge in any of the below combinations is also considerable)

#### **1. SQL (Intermediate to Advanced)**

- Strong understanding of joins, aggregations, window functions, and CTEs. • Ability to write optimized queries for medium-to-large datasets
- Basic Understanding of Database Architecture.
- Experience with stored procedures, indexing, and performance tuning.
- Familiarity with ETL processes and ability to write queries to extract, transform, and load data using SQL.
- Experience with SQL databases like PostgreSQL, MySQL, SQL Server, or BigQuery.

#### **2. Notebook Knowledge (Jupyter, Databricks, or equivalent)**

- Comfortable working with Jupyter Notebooks or Databricks notebooks.
- Experience with Pandas, NumPy, Matplotlib for data exploration and visualization.
- Writing and debugging Python scripts for data preprocessing and modeling.

#### **3. Data Pipeline Design (Basic to Intermediate)**

- Understanding of ETL workflows and how data flows from source to destination.
- Experience with Python (Pandas, PySpark) or SQL for data transformations.
- Basic knowledge of Apache Airflow, or any workflow orchestration tool.
- Exposure to cloud-based data pipelines (Azure Data Factory, AWS Glue, or GCP Dataflow) is optional. Having that knowledge is a plus.

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#### 4. Reporting Tools (Power BI, Tableau) (Basic to Intermediate)

- The ability to create basic to moderately complex dashboards and reports.
- Experience in data visualization, best practices and creating insights from data.
- Knowledge of DAX (Power BI) or calculated fields (Tableau) is a plus.
- Understanding data modeling concepts (Star Schema, Fact & Dimension Tables).
- Version control (Git, GitHub, Bitbucket) – basic knowledge is useful.

#### What can a candidate expect from AVASOFT?

1. A working environment that only looks at what you bring to the table in terms of Attitude, Communication, Business understanding and Technology problem solving.
2. The best training in the world is to be a world class Technologist by world class experts and product development teams.
3. A world class environment and hands-on development access to cutting edge technologies with support from cutting edge experts.
4. Hands-on learning of a design-oriented product development process.
5. Explanation of a clear strategy with full support to achieve success in the organization.
6. Will be trained to lead and communicate directly with clients as soon as possible.
7. Each intern will be provided with a new laptop at the start of the internship.

#### Interview Process:

1. Written Test (In-person)
2. Group Discussion (In-person)
3. Tech interview (In-person)
4. Final interview (In-person)
5. HR Interview

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### **Employment Details:**

1. For candidates who have been selected in the final interview will be provided with offer letters.
2. The candidates who accept the offer will go through an internship for a period of 6 months.
3. The interns will be provided with a stipend of INR 10,000 per month during the internship.
4. The interns will start their full-time employment post their internship receiving the salary package from 6 to 10 CTC.
5. The interns will have an option for opting out of internship within 4 weeks from the start of the internship if they feel that AVASOFT is not the right place for them. There will be no questions asked.
6. After the 4-weeks of internship completion we expect the intern to work with us during the rest of the internship and for a period of 2 years as a full-time employee. If they want to discontinue any time before that they can, by paying us the training cost amounting to INR 1.5 Lakhs.

In case of any enquiries, reach us at [recruitment@avasoft.com](mailto:recruitment@avasoft.com)