DA Article Writing

Under Mentorness Internship Program

Task Description:

As part of your internship with us, you will have the opportunity to contribute to our organization's knowledge base and provide valuable insights to our audience by writing articles on topics related to SQL or Power BI. Credit for this article will be given to you. You can showcase this in your resume or interview which showcases your knowledge and deep understanding about this topic. These articles serve as a platform to share knowledge, showcase your understanding of SQL or Power BI related concepts, and communicate your findings effectively.

Task Details:

- **Article Length:** Each article should be between minimum 500 words.
- **Originality:** All articles must be original and well-researched. Article content should be Plagiarism Free and should not be AI Generated.
- **Topic Selection:** You have the creative freedom to choose any data analysis or SQL or Power BI related topic that interests you. You can refer to the list of reference topics below, or you're welcome to propose your own topic.
- **Research:** Conduct thorough research to ensure that your articles are well-informed and up-to date. Cite credible sources when necessary.
- **Quality:** Maintain high-quality writing standards with proper grammar, spelling, and structure. Your articles should be clear, concise, and engaging.
- Visualization: Include relevant data visualizations, charts, or graphs to illustrate your points effectively. Ensure that you have the necessary rights to use any visuals.
- **Engagement:** Craft articles that engage our readers and offer value. Use real-world examples, case studies, or practical insights where applicable.

How to Submit:

Please submit your completed articles via Google form. Link is mentioned in Internship Details file. File name should be in below format:
Batch Name - Your Full Name – Article Name

Eg: If name is Aashish Kharwade and Batch is MIP-DA-02 and Prepared an article on topic ‘SQL’. File name will be:
Ashish_Kharwade_MIP-DA-02_SQL

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Below is the list of suggested topics for reference. You are not bound to select one of these topics. You are free to choose topic of your interest.

1. Understanding SQL Joins: Inner, Outer, Left, and Right.
2. Introduction to Power BI: Getting Started with Data Visualization.
3. Advanced SQL Techniques: Subqueries and CTEs (Common Table Expressions).
4. Power BI DAX Functions: Understanding and Implementing.
5. SQL Indexing: Best Practices for Performance Optimization.
6. Creating Interactive Dashboards in Power BI: Tips and Tricks.
7. Data Manipulation in SQL: Insert, Update, and Delete Operations.
8. Power BI Data Modeling: Relationships, Calculated Columns, and Measures.
9. Mastering SQL Aggregation: Group By, Having, and Aggregate Functions.
10. Power BI Integration with SQL Server: Seamless Data Analysis.
11. Data Modeling with SQL: Entity-Relationship Diagrams and Normalization.
12. Power BI for Business Intelligence: Transforming Data into Insights.
13. SQL Injection Attacks: Prevention and Security Measures.
14. Advanced Data Visualization Techniques in Power BI.
15. Exploring Window Functions in SQL for Advanced Analytics.
16. Power BI Report Server: Installation, Configuration, and Management.
17. Stored Procedures and Functions in SQL: Creating and Implementing.
18. Power BI Embedded: Embedding Reports in Web Applications.
19. Transitioning from SQL Developer to SQL DBA: Roles and Responsibilities.
20. Power BI Security: Roles, Permissions, and Data Protection Strategies.