# Theme: “AI & Data Science Blogathon”

The focus is **not on FireDucks itself, but on AI & data science challenges where FireDucks is the best tool for the job**. This ensures authenticity while demonstrating its real-world impact.

### **Core Topics & Challenge Areas**

### 📌 **Data Engineering & Large-Scale Processing**

📌 **Performance Benchmarks & Comparison**

📌 **AI & ML Pipelines**

📌 **Financial & Business Analytics**

📌 **Exploratory Data Analysis (EDA) & Visualization**

**Dive into any topic that aligns with the core themes above – innovation is key! 🚀.**

**Community-Building Angle:** Participants not only create technical content but also **join discussions, share insights, and connect with peers**, making this more than just a writing challenge.

**Scoring Criteria for FireDucks Blogathon**

**Scoring Criteria (Out of 10)**:

| **Criteria** | **Score (0-2)** | **Score (3-4)** | **Score (5-6)** | **Score (7-8)** | **Score (9-10)** |
| --- | --- | --- | --- | --- | --- |
| **Writing Quality + Plagiarism check + AI check** | Poor grammar, unclear | Basic, some errors | Decent, needs refinement | Strong, clear structure | Excellent, engaging, no edits needed,plagiarism must be less than 15% |
| **Technical Depth + Tools+ Integrations+ Benchmarking** | No depth, generic | Basic concepts | Covers some depth | In-depth but not advanced | Deep expertise, clear explanations,Code snippets, tools, integrations, benchmarking encouraged |
| **Topic Relevance** | Off-topic | Loosely connected | Somewhat relevant | Good alignment | Perfect fit for blogathon theme, uses **GIFs** where appropriate |
| **Engagement Style** | Flat, boring read | Some effort, but not engaging | Some storytelling/examples | Engaging, well-structured | Extremely engaging, best-in-class content |
| **SEO & Structure** | No structure | Minimal effort | Some effort in formatting | Well-structured with proper SEO | SEO-optimized, perfect readability |

**Total Score: 50 Points  
Minimum Score to Move Forward: 32+ points**

### **Plagiarism Must Be Less Than 15%**

## **Workbook for Participants**

To help participants organize their work, here’s a suggested workbook structure:

### **Blog Outline**

* **Title**
* **Introduction**
* **Problem Statement**
* **Solution/Approach**
* **Tools/Technologies Used**
* **Code Snippets**
* **Benchmarking Results(must add Gifs)**
* **Conclusion**

### **Code Workbook**

* Create a folder named code to store all Python scripts, Jupyter notebooks, or other code files.
* Include a README.md file to explain how to run the code.

### **Data/Resources**

* Store datasets, configuration files, or any additional resources in a folder named data.

## **Adding an Environment File for Python**

To ensure consistent performance across environments, participants must include an environment file (environment.yml or requirements.txt).

**Because every environment will have different benchmarks.**

## **Final Checklist for Participants**

✅ Ensure your blog is plagiarism-free (<15%) and not AI-generated.  
✅ Include code snippets, tools, and benchmarking results in your blog.  
✅ Set up a Git repository and push your work.  
✅ Add an environment file (requirements.txt or environment.yml) to ensure reproducibility.

✅ Submission Steps:

1️⃣ Write your blog in Google Docs.

2️⃣ Set sharing permissions:

**Click “Share” > “General access” > Choose “Anyone with the link”**

**3️⃣** Email the link to **Info@devrelsquad.com** with the **subject:**

**FireDucks Blog Submission: [Your Full Name] - [Blog Title]**

✅ **Join the FireDucks Slack Community:** [Join Here](https://join.slack.com/t/fireducks/shared_invite/zt-2j4lucmtj-IGR7AWlXO62Lu605pnBJ2w) and join the channel **#create-with-fireducks**.