Data Science Reddit Analysis Report
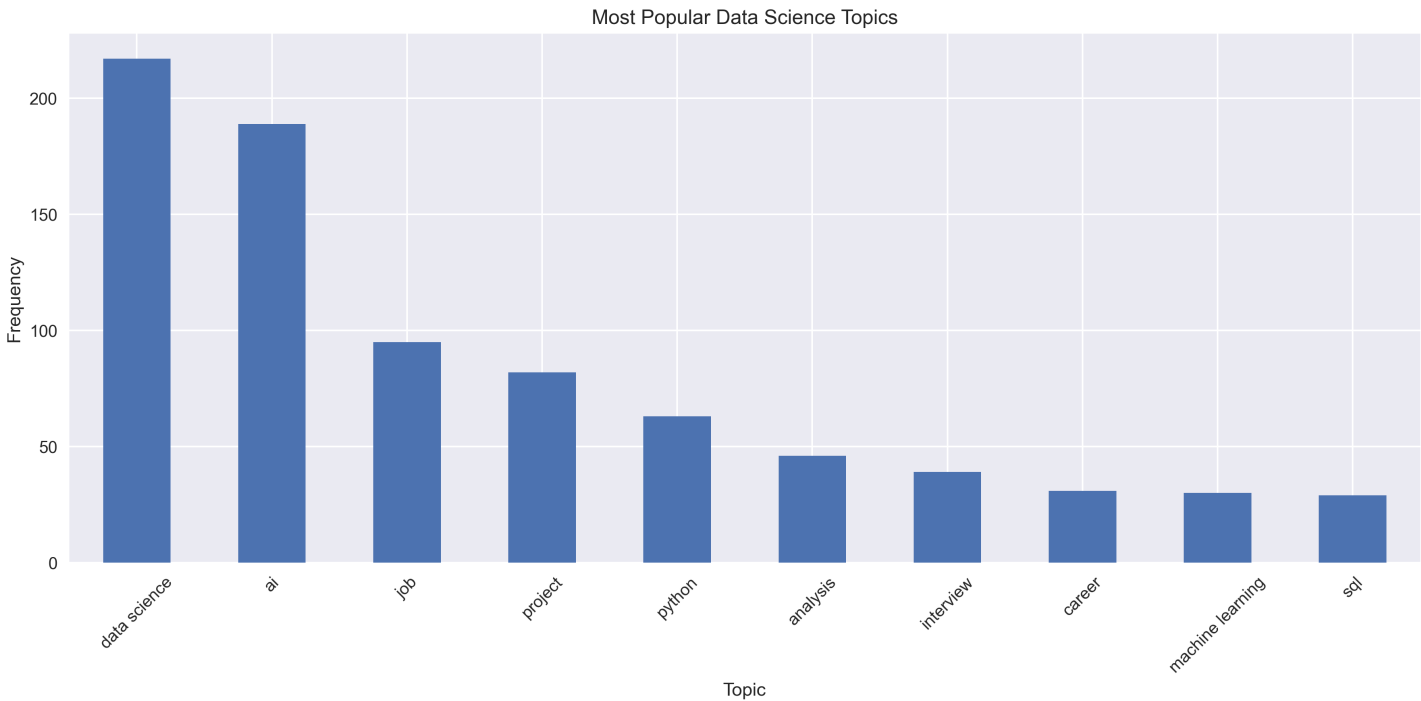
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1. Dataset Overview

Total Posts Analyzed: 21,095

Date Range: 2021-12-09 to 2022-04-22

Average Score: 9.9

Average Comments: 2.1

2. Content Analysis

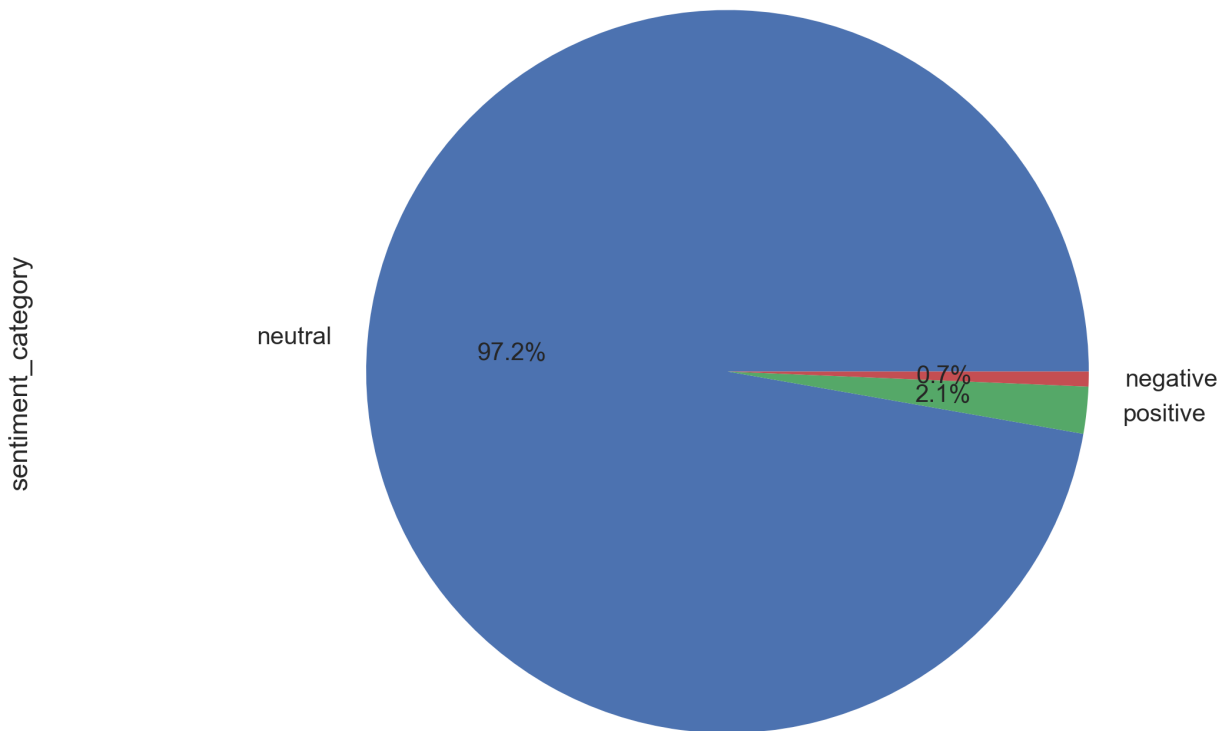Top Discussion Topics:

Most Popular Data Science Topics

- Data Science: 217 mentions

- Ai: 189 mentions

- Job: 95 mentions

- Project: 82 mentions
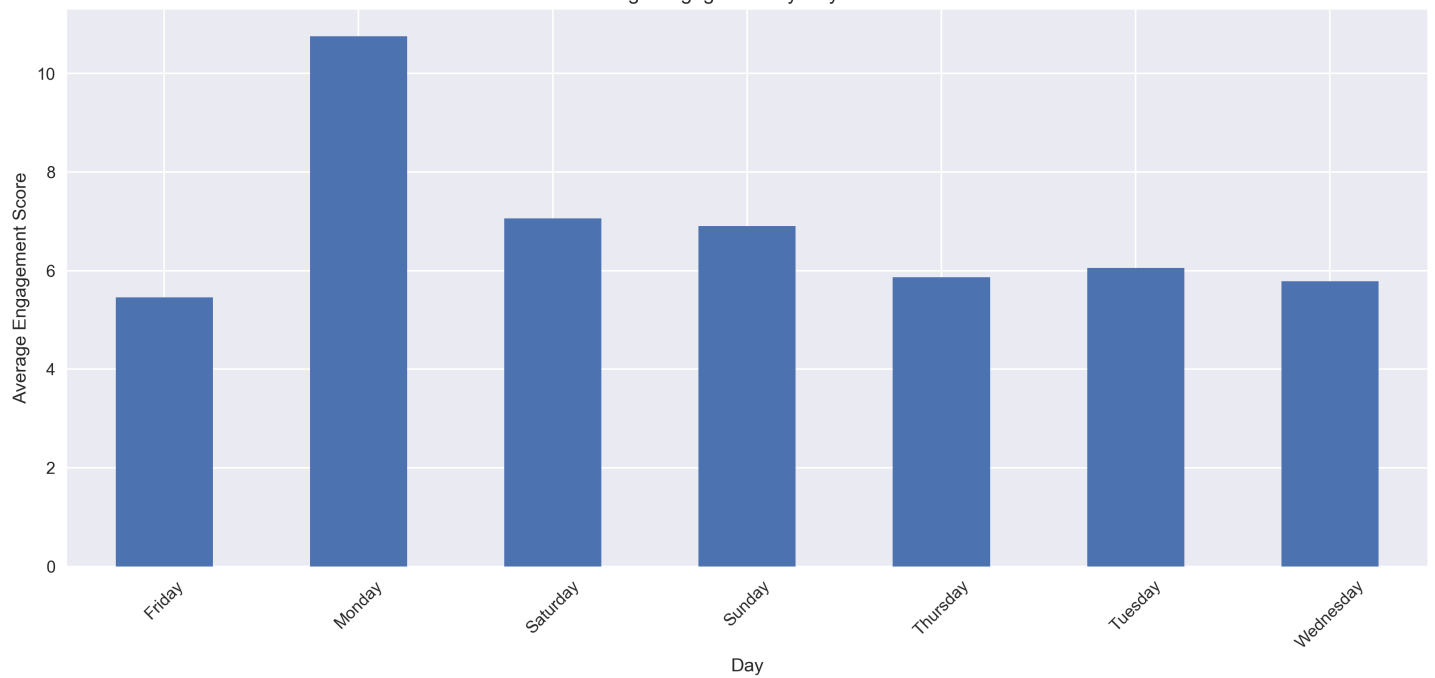
- Python: 63 mentions

3. Engagement Analysis

Sentiment Distribution:

Sentiment Distribution

Engagement Patterns:

Average Engagement by Day of Week

- Negative: Average Score: 83.2 Average Comments: 34.6

- Neutral: Average Score: 8.4 Average Comments: 1.4

- Positive: Average Score: 55.7 Average Comments: 23.9

4. Key Findings

Content Trends:

- Technical topics (Python, ML) dominate discussions
- Career-related posts show high engagement
- Project showcases and tutorials are popular

Engagement Patterns:
- Posts with practical applications receive more interaction
- Question-based posts generate more comments
- Positive sentiment correlates with higher engagement

Community Behavior:
- Strong focus on learning and skill development
- Active career discussions and job seeking
- Supportive environment for beginners

5. Recommendations

For Content Creation:
- Focus on practical, hands-on content
- Include code examples and real-world applications
- Share personal experiences and learning journeys

For Career Development:
- Participate in technical discussions
- Share project experiences and learnings
- Engage with career-related posts

For Community Growth:
- Post during peak engagement hours
- Contribute to beginner-friendly discussions
- Share knowledge and experiences regularly