**Comprehensive Toxicity Analysis Report**

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**Introduction**

This report provides an in-depth analysis of the toxicity present in YouTube live chat comments directed towards **The Aftermath Foundation** and its associated individuals. The foundation has been a target of harassment and defamatory remarks, particularly following a high-profile event involving Aaron Smith-Levin's departure from the board. The objective of this report is to quantify and analyze the levels of toxicity across multiple YouTube channels, identify the most toxic users, and provide actionable recommendations for mitigating these issues.

**Objectives:**

* Identify and quantify overall toxicity levels across selected YouTube channels.
* Assess targeted toxicity directed at specific individuals associated with The Aftermath Foundation.
* Identify the most toxic users both globally and within each channel.
* Provide recommendations for reducing toxicity and supporting targeted individuals.

**Methodology**

**Data Collection**

* **Sources**: Comments were collected from live chats on several YouTube channels that frequently discuss topics related to The Aftermath Foundation and its key figures.
* **Time Frame**: The data spans from December 2023 to August 2024, encompassing a critical period marked by increased tensions and targeted harassment.
* **Channels Analyzed**: A total of 11 YouTube channels were analyzed:
  1. Coffee, Cults and Crafts
  2. Growing Up In Scientology
  3. Kelli Copter
  4. LARA FM
  5. SergeDelMar
  6. Liz Gale
  7. Scientology - Life After a Cult
  8. Oh No Nora
  9. Poe On the GO
  10. Liz Ferris
  11. Relatable Reese

**Data Processing and Cleaning**

* **Duplicate Removal**: Duplicate comments and spam were filtered out to ensure the analysis focused on unique contributions.
* **Anonymization**: User data was anonymized to respect privacy while allowing for toxicity scoring.
* **Standardization**: Comments were processed to correct misspellings and standardize language for more accurate toxicity assessment.

**Toxicity Assessment**

* **Tool Used**: The **Detoxify model**, which is a pre-trained neural network model designed to detect toxic language in text. This model is capable of analyzing and scoring text based on various dimensions:
  + **Toxicity**: General rudeness, disrespect, or unreasonableness.
  + **Severe Toxicity**
  + **Obscenity**
  + **Threat**
  + **Insult**
  + **Identity Attack**
* **Scoring**: Each comment received a score from 0 to 1. Scores above 0.5 were considered toxic, with those closer to 1 being highly toxic.

**Analytical Approach**

* **Global Analysis**: Assessed overall toxicity across all channels and identified the most toxic users globally.
* **Targeted Analysis**: Focused on identifying toxicity directed at specific individuals mentioned in the comments.
* **Channel-Specific Analysis**: Evaluated toxicity within each channel, highlighting trends and the most toxic users.
* **Statistical Methods**: Descriptive statistics, averages, and rankings were used to interpret and present the data.

**Global Analysis**

**Overall Channel Toxicity**

The analysis identified varying levels of toxicity across the examined channels. The following are the top five channels with the highest average toxicity scores:

| **Rank** | **Channel** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Oh No Nora** | 0.0977 |
| 2 | **SergeDelMar** | 0.0741 |
| 3 | **Liz Gale** | 0.0628 |
| 4 | **Growing Up In Scientology** | 0.0569 |
| 5 | **Coffee, Cults and Crafts** | 0.0566 |

**Insights:**

* *Oh No Nora* exhibits the highest level of toxicity, indicating a particularly hostile environment.
* The presence of high toxicity across multiple channels suggests a widespread issue that may require platform-level intervention.

**Targeted Toxicity Towards Individuals**

Toxicity directed at specific individuals associated with The Aftermath Foundation was a significant focus of this analysis. The individuals examined include:

* **Leah Remini**
* **Mike Rinder**
* **Amy Scobee**
* **Chris Shelton**
* **The Headleys**
* **Mitch Brisker**
* **Michelle**
* **Stephanie**
* **Alex**
* **The Aftermath Foundation (as an entity)**

**Key Findings:**

* **Leah Remini** and **Mike Rinder** were the most frequently targeted, with significant levels of toxicity directed towards them across several channels.
* **Amy Scobee** and **Chris Shelton** also faced considerable harassment, particularly on *Growing Up In Scientology* and *Coffee, Cults and Crafts* channels.

**Most Toxic Users Across All Channels**

The following users exhibited the highest average toxicity scores across all channels:

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Chelsee Spalding** | 0.9941 |
| 2 | **heyuthinkusuck** | 0.9932 |
| 3 | **PhyllisAnn** | 0.9930 |
| 4 | **Joker** | 0.9894 |
| 5 | **Cristi Haiser** | 0.9874 |

**Insights:**

* These users are major contributors to the toxic environment across multiple channels.
* Their consistent behavior warrants reporting and possible removal from the platform to reduce overall toxicity.

**Channel-Specific Analysis**

**1. Coffee, Cults and Crafts**

**Overview:**

* **Average Toxicity Score**: 0.0566
* **Notable Targeted Individuals**: Chris Shelton, Amy Scobee, Alex
* **Trends**: Moderate levels of toxicity, with specific spikes during discussions involving prominent figures.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **James Steele** | 0.9799 |
| 2 | **Linda** | 0.9600 |
| 3 | **Barrie Taylor** | 0.9475 |
| 4 | **The Duke Of Hugs** | 0.8608 |
| 5 | **uncle dave** | 0.7994 |

**Recommendations:**

* Implement stricter moderation protocols, particularly during high-profile discussions.
* Report and potentially ban the most toxic users to curb further harassment.

**2. Growing Up In Scientology**

**Overview:**

* **Average Toxicity Score**: 0.0569
* **Notable Targeted Individuals**: Leah Remini, Mike Rinder, Amy Scobee, Chris Shelton
* **Trends**: High levels of targeted harassment, especially towards ex-Scientologists.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **heyuthinkusuck** | 0.9932 |
| 2 | **PhyllisAnn** | 0.9930 |
| 3 | **Cristi Haiser** | 0.9874 |
|  |  |  |

**2. Growing Up In Scientology (continued)**

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **heyuthinkusuck** | 0.9932 |
| 2 | **PhyllisAnn** | 0.9930 |
| 3 | **Cristi Haiser** | 0.9874 |
| 4 | **cheryl varner** | 0.9859 |
| 5 | **Jeanne Hanson** | 0.9588 |

**Recommendations:**

* **Targeted Action**: Focus on reporting and removing users who consistently engage in harassment.
* **Support for Targets**: Offer resources or channels of communication for individuals targeted by harassment, providing them with support and recourse.
* **Positive Engagement**: Encourage positive interactions by moderating and highlighting supportive and respectful comments during live chats.

**3. Kelli Copter**

**Overview:**

* **Average Toxicity Score**: 0.0419
* **Notable Targeted Individuals**: Leah Remini, Mitch Brisker, Stephanie
* **Trends**: Moderate toxicity with notable peaks in discussions surrounding Mitch Brisker and Leah Remini.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **D E** | 0.9225 |
| 2 | **Jo** | 0.6418 |
| 3 | **Ishka Bibble** | 0.5389 |
| 4 | **M Bar** | 0.5157 |
| 5 | **CeeCee** | 0.4469 |

**Recommendations:**

* **Moderation**: Increase moderation efforts during discussions about controversial figures to prevent harassment.
* **User Reporting**: Report users who repeatedly violate community standards to YouTube for further action.

**4. LARA FM**

**Overview:**

* **Average Toxicity Score**: 0.0435
* **Notable Targeted Individuals**: Mitch Brisker, Mike Rinder, The Aftermath Foundation
* **Trends**: Significant spikes in toxicity during discussions about Mitch Brisker, often involving hostile language.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **gbuddyneverin** | 0.9652 |
| 2 | **Cece** | 0.6815 |
| 3 | **Degraded Daughter** | 0.6651 |
| 4 | **LVC** | 0.6415 |
| 5 | **Rica** | 0.4825 |

**Recommendations:**

* **Immediate Moderation**: Given the high levels of toxicity, particularly around certain individuals, implement immediate and consistent moderation practices.
* **Community Guidelines**: Reinforce community guidelines to deter toxic behavior and encourage respectful dialogue.

**5. SergeDelMar**

**Overview:**

* **Average Toxicity Score**: 0.0741
* **Notable Targeted Individuals**: Leah Remini, Mike Rinder
* **Trends**: High toxicity, particularly in discussions involving Leah Remini, often with inflammatory language.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **JL** | 0.9898 |
| 2 | **Open Source Advocate** | 0.9342 |
| 3 | **LoneStar Audit** | 0.9192 |
| 4 | **C C** | 0.9090 |
| 5 | **eirn mally** | 0.8815 |

**Recommendations:**

* **Reporting to YouTube**: Given the severity of toxic behavior, report users contributing to the highest levels of toxicity.
* **Content Review**: Review and potentially remove or moderate content that consistently attracts toxic behavior.

**6. Liz Gale**

**Overview:**

* **Average Toxicity Score**: 0.0628
* **Notable Targeted Individuals**: Leah Remini, The Aftermath Foundation
* **Trends**: Generally lower toxicity compared to other channels, but specific users still contribute significantly to toxic discussions.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Doug** | 0.9448 |
| 2 | **Mousey** | 0.4645 |
| 3 | **Dianne Lynn** | 0.4193 |
| 4 | **Carpe Imodiem** | 0.2835 |
| 5 | **Aysun** | 0.1701 |

**Recommendations:**

* **Targeted Reporting**: Focus on reporting the top toxic users to reduce harassment in the channel.
* **Engagement Strategy**: Promote more positive discussions by recognizing and supporting constructive community members.

**7. Scientology - Life After a Cult**

**Overview:**

* **Average Toxicity Score**: 0.0569
* **Notable Targeted Individuals**: Mike Rinder, Leah Remini
* **Trends**: Consistent targeting of Mike Rinder and Leah Remini, with a mix of supportive and toxic comments.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Angela Keese** | 0.9560 |
| 2 | **Mike Nomath** | 0.9477 |
| 3 | **AnneSPTVfan** | 0.9240 |
| 4 | **STL** | 0.9125 |
| 5 | **Digital Connected Media** | 0.8704 |

**Recommendations:**

* **Stricter Moderation**: Apply stricter moderation during live chats, especially when high-profile figures are being discussed.
* **Promoting Positive Dialogue**: Encourage constructive dialogue and recognize supportive users to counterbalance toxic behavior.

**8. Oh No Nora**

**Overview:**

* **Average Toxicity Score**: 0.0977 (Highest among all channels)
* **Notable Targeted Individuals**: Mitch Brisker, Leah Remini
* **Trends**: Extremely high toxicity, with users frequently engaging in hostile and inflammatory behavior.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Seagirl** | 0.9964 |
| 2 | **Chelsee Spalding** | 0.9941 |
| 3 | **ThatKitchenWitch Suzanne** | 0.9917 |
| 4 | **Angela Keese** | 0.9734 |
| 5 | **Nana** | 0.9726 |

**Recommendations:**

* **Immediate Action**: The extremely high toxicity levels demand immediate moderation and intervention. Consider temporarily disabling comments to assess and address the issues.
* **User Reporting and Banning**: Report and ban the most toxic users to prevent further harassment.

**9. Poe On the GO**

**Overview:**

* **Average Toxicity Score**: 0.0566
* **Notable Targeted Individuals**: Mike Rinder, Leah Remini
* **Trends**: Moderate toxicity, with certain users consistently contributing to inflammatory discussions.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **lori Lorilori** | 0.8581 |
| 2 | **Carolyn T** | 0.8021 |
| 3 | **EDWARD B Murphy** | 0.6991 |
| 4 | **oceancitygold** | 0.6970 |
| 5 | **Bunny C** | 0.6365 |

**Recommendations:**

* **Monitoring**: Increase monitoring during live chats, especially during discussions that might provoke strong reactions.
* **Encouraging Reporting**: Encourage community members to report toxic behavior, reinforcing a respectful online environment.

**10. Liz Ferris**

**Overview:**

* **Average Toxicity Score**: 0.0569
* **Notable Targeted Individuals**: Leah Remini, Mitch Brisker
* **Trends**: The channel has a concentrated group of users who contribute to overall toxicity, especially during discussions about Leah Remini and Mitch Brisker.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **Joker** | 0.9894 |
| 2 | **Angela Keese** | 0.9847 |
| 3 | **Auntie M** | 0.9694 |
| 4 | **Cynfully Good** | 0.9622 |
| 5 | **Brian Bolan** | 0.9390 |

**Recommendations:**

* **Moderation and Reporting**: Strengthen moderation efforts during high-risk discussions and report the most toxic users for community guideline violations.
* **Community Building**: Encourage constructive conversations and positive engagement to foster a more supportive environment.

**11. Relatable Reese**

**Overview:**

* **Average Toxicity Score**: 0.0431
* **Notable Targeted Individuals**: Leah Remini, The Aftermath Foundation
* **Trends**: This channel exhibits moderate toxicity, with specific users repeatedly engaging in negative and inflammatory comments.

**Top 5 Most Toxic Users:**

| **Rank** | **User** | **Average Toxicity Score** |
| --- | --- | --- |
| 1 | **lori Lorilori** | 0.9963 |
| 2 | **Miss Vicki Mae** | 0.9818 |
| 3 | **Purple coconut** | 0.9478 |
| 4 | **Judy Lee** | 0.9225 |
| 5 | **glassfusemuse** | 0.7875 |

**Recommendations:**

* **Increased Moderation**: Given the consistent behavior of certain users, apply more rigorous moderation to discussions likely to attract toxic comments.
* **Promote Positive Participation**: Highlight positive contributions and encourage respectful dialogue, particularly during sensitive discussions.

**Toxicity Over Time Analysis**

**Analysis of the Daily Average Toxicity Rate**

Based on the provided graph, which displays the "Daily Average Toxicity Rate" from December 2023 to August 2024, several trends and observations can be made:

1. **General Fluctuations**:
   * The daily average toxicity rate fluctuates significantly, indicating varying levels of toxic behavior over time. Most of the fluctuations are below 0.1, but there are noticeable peaks where toxicity rates spike dramatically.
2. **December 2023 to February 2024**:
   * During this period, the toxicity rates are relatively low and stable, with occasional spikes. This could suggest that the community was relatively calm during this time, with sporadic incidents of toxicity.
3. **March 2024 to April 2024**:
   * There is a marked increase in volatility, with more frequent spikes in toxicity. The data suggests that this period may have been marked by events or discussions that elicited strong, often negative, reactions from the community.
4. **May 2024**:
   * **Peak Toxicity**: The highest spikes occur in May 2024, with the toxicity rate reaching up to 0.2 on certain days. This indicates a significant increase in toxic behavior, potentially driven by specific events or conflicts within the community.
5. **June 2024 to August 2024**:
   * After the extreme spikes in May, the toxicity rates begin to decrease, although fluctuations remain frequent. There are still occasional spikes, particularly in early August 2024, suggesting ongoing issues or new developments that continue to provoke toxic responses.

**Interpretation and Possible Causes:**

* **Events and Incidents**: The peaks in toxicity likely correspond to specific events, such as controversial discussions, public statements by key figures, or organized harassment campaigns.
* **Community Reactions**: The trends suggest that certain topics or individuals are triggers for increased toxic behavior, which may require targeted interventions during these periods.

**Recommendations:**

* **Proactive Monitoring**: Implement real-time monitoring during known periods of heightened toxicity to address issues as they arise.
* **Moderation and Interventions**: Increase moderation efforts during expected spikes, such as when controversial topics are being discussed.
* **Community Engagement**: Use periods of low toxicity to build a more positive community culture, potentially reducing the severity of future spikes.

**Conclusion and Recommendations**

**Key Findings:**

* **High Toxicity in Specific Channels**: Channels like *Oh No Nora*, *SergeDelMar*, and *Liz Gale* exhibit particularly high levels of toxicity, with users consistently engaging in harmful behavior.
* **Targeted Harassment**: Individuals such as **Leah Remini**, **Mike Rinder**, and **Mitch Brisker** are frequently targeted by toxic comments, indicating organized or sustained harassment efforts.
* **Persistent Toxic Users**: Certain users, including **Chelsee Spalding**, **heyuthinkusuck**, and **PhyllisAnn**, are major contributors to the toxic environment across multiple channels.

**Recommendations:**

1. **Enhanced Moderation**:
   * Increase moderation efforts during known periods of high toxicity, particularly in channels with consistently high levels of harmful behavior.
   * Implement automated tools alongside human moderators to identify and address toxic comments in real-time.
2. **Reporting Mechanisms**:
   * Report identified toxic users to YouTube for violating community guidelines. Persistent offenders should be subject to stricter actions, including bans.
   * Encourage community members to actively use reporting features to flag inappropriate content.
3. **Community Engagement**:
   * Foster a more positive community culture by promoting respectful dialogue and recognizing constructive contributions.
   * Organize community events or discussions that emphasize respectful interactions and reduce the likelihood of toxic behavior.
4. **Support for Targeted Individuals**:
   * Provide resources and support for individuals who are frequent targets of harassment, offering them avenues for reporting and recourse.
   * Engage with platform support teams to ensure that harassment complaints are addressed promptly and effectively.
5. **Monitoring and Follow-up**:
   * Conduct regular follow-up analyses to monitor the effectiveness of implemented measures and identify new trends in toxic behavior.
   * Adjust moderation and engagement strategies based on ongoing observations and data-driven insights.

**Appendices**

**Appendix A: Data Summary Tables**

*Tables summarizing toxicity scores, user rankings, and targeted harassment statistics across all analyzed channels.*

**Appendix B: Methodological Details**

*In-depth explanation of the data processing techniques, tools used for toxicity assessment, and statistical methods applied during the analysis.*

**Prepared by:** [Your Name/Organization]  
**Date:** [Current Date]

This report provides a detailed and comprehensive analysis of the toxic behavior observed across multiple YouTube channels targeting The Aftermath Foundation and associated individuals. By following the outlined recommendations, steps can be taken to mitigate this harmful behavior and foster a more positive online community. If further action or analysis is needed, additional data or updates can be incorporated into ongoing efforts.