**List of Common Biases in AI-Generated Responses**

1. **Demographic Bias:**
   * Responses favor or stereotype specific groups based on race, gender, age, or other characteristics.
   * Example: AI describing a nurse as female or an engineer as male.
2. **Cultural Bias:**
   * Overrepresenting or favoring certain cultural norms, values, or practices.
   * Example: Assuming Western holidays like Christmas are universally celebrated.
3. **Socioeconomic Bias:**
   * Favoring individuals from higher socioeconomic backgrounds.
   * Example: Recommending expensive solutions without considering affordability.
4. **Political Bias:**
   * Responses skewed toward a particular political ideology.
   * Example: Describing political figures in an overly positive or negative light.
5. **Confirmation Bias:**
   * Providing information that aligns with the user’s viewpoint while ignoring contradictory evidence.
   * Example: Reinforcing beliefs in controversial topics without presenting balanced perspectives.
6. **Selection Bias:**
   * Generating responses based on incomplete or non-representative training data.
   * Example: AI giving outdated medical advice because it was trained on older datasets.
7. **Language Bias:**
   * Favoring certain dialects, phrases, or linguistic styles.
   * Example: Preferring American English over British English.
8. **Automation Bias:**
   * Overestimating the accuracy or authority of AI-generated responses.
   * Example: Users accepting incorrect answers without verifying sources.
9. **Anchoring Bias:**
   * Overweighting the first piece of information provided in a conversation.
   * Example: Early assumptions shaping the rest of the dialogue.
10. **Framing Bias:**
    * How a question or response is worded influences user perception.
    * Example: Describing a treatment as having a "90% success rate" rather than a "10% failure rate."

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| **BIAS TYPE** | **EXAMPLE OF OCCURANCE** | **SEVERITY**  **(LOW /MEDIUM/HIGH)** | **RECOMANDATION** |
| Demographic Bias | Defaulting to male pronouns for leaders | MEDIUM | Use gender natural language |
| Political Bias | Positive framing of one ideology | MEDIUM | Ensure balanced perspective |
| Cultural Bias | Assuming all user celebrate thanks giving | LOW | Add context about regional practices |
| Language Bias | Prioritizing American spelling | LOW | Support multiple language form |
| Socioeconomic Bias | Recommending premium-only products | HIGH | Include affordable alternatives |