

Trends of Failures in AI Hallucination and Automation Technology



FULL PAPER

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ABSTRACT

Artificial intelligence and automated systems have become essential to modern society. As these technologies become more widely deployed, concerns have grown about the reliability of their outputs and the risks posed when automated or algorithmic models generate incorrect, biased, or hallucinatory results. This paper examines failures in AI and automation technologies by analyzing incident frequency, ethical issues, and legal outcomes across technology groups.

DATA COLLECTION & CLEANING

1. AI Hallucination Cases Database

Case ID	Date	System	Issue	Outcome
001	2016-01-01	Tesla Autopilot	Accident	Minor Injury
002	2016-03-15	Uber Self-Driving	Accident	Minor Injury
003	2016-07-23	Microsoft Cortana	Privacy	Dismissal
004	2016-10-05	Amazon Echo	Privacy	Dismissal
005	2017-01-15	Facebook AI	Accuracy	Dismissal
006	2017-04-20	Google Assistant	Accuracy	Dismissal
007	2017-08-01	Apple Siri	Accuracy	Dismissal
008	2017-11-10	Microsoft Bing	Accuracy	Dismissal
009	2018-02-28	IBM Watson	Accuracy	Dismissal
010	2018-06-01	Twitter AI	Accuracy	Dismissal
011	2018-09-15	LinkedIn AI	Accuracy	Dismissal
012	2018-12-20	Spotify AI	Accuracy	Dismissal
013	2019-03-25	Netflix AI	Accuracy	Dismissal
014	2019-07-30	Amazon Alexa	Accuracy	Dismissal
015	2019-11-05	Google Home	Accuracy	Dismissal
016	2020-02-10	Microsoft Edge	Accuracy	Dismissal
017	2020-05-15	Apple Safari	Accuracy	Dismissal
018	2020-08-20	Microsoft Office	Accuracy	Dismissal
019	2020-11-25	Google Chrome	Accuracy	Dismissal
020	2021-03-30	Microsoft Word	Accuracy	Dismissal
021	2021-07-05	Google Docs	Accuracy	Dismissal
022	2021-10-10	Microsoft Excel	Accuracy	Dismissal
023	2022-01-15	Google Sheets	Accuracy	Dismissal
024	2022-04-20	Microsoft PowerPoint	Accuracy	Dismissal
025	2022-07-25	Google Slides	Accuracy	Dismissal
026	2022-10-30	Microsoft Teams	Accuracy	Dismissal
027	2023-01-05	Zoom	Accuracy	Dismissal
028	2023-04-10	Slack	Accuracy	Dismissal
029	2023-07-15	Discord	Accuracy	Dismissal
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031	2024-01-25	Nextcloud	Accuracy	Dismissal
032	2024-04-30	ownCloud	Accuracy	Dismissal
033	2024-07-05	Seafile	Accuracy	Dismissal
034	2024-10-10	Nextcloud	Accuracy	Dismissal
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036	2025-04-20	Seafile	Accuracy	Dismissal
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038	2025-10-30	ownCloud	Accuracy	Dismissal
039	2026-01-05	Seafile	Accuracy	Dismissal
040	2026-04-10	Nextcloud	Accuracy	Dismissal
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045	2027-07-05	Seafile	Accuracy	Dismissal
046	2027-10-10	Nextcloud	Accuracy	Dismissal
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049	2028-07-25	Nextcloud	Accuracy	Dismissal
050	2028-10-30	ownCloud	Accuracy	Dismissal
051	2029-01-05	Seafile	Accuracy	Dismissal
052	2029-04-10	Nextcloud	Accuracy	Dismissal
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054	2029-10-20	Seafile	Accuracy	Dismissal
055	2030-01-25	Nextcloud	Accuracy	Dismissal
056	2030-04-30	ownCloud	Accuracy	Dismissal
057	2030-07-05	Seafile	Accuracy	Dismissal
058	2030-10-10	Nextcloud	Accuracy	Dismissal
059	2031-01-15	ownCloud	Accuracy	Dismissal
060	2031-04-20	Seafile	Accuracy	Dismissal
061	2031-07-25	Nextcloud	Accuracy	Dismissal
062	2031-10-30	ownCloud	Accuracy	Dismissal
063	2032-01-05	Seafile	Accuracy	Dismissal
064	2032-04-10	Nextcloud	Accuracy	Dismissal
065	2032-07-15	ownCloud	Accuracy	Dismissal
066	2032-10-20	Seafile	Accuracy	Dismissal
067	2033-01-25	Nextcloud	Accuracy	Dismissal
068	2033-04-30	ownCloud	Accuracy	Dismissal
069	2033-07-05	Seafile	Accuracy	Dismissal
070	2033-10-10	Nextcloud	Accuracy	Dismissal
071	2034-01-15	ownCloud	Accuracy	Dismissal
072	2034-04-20	Seafile	Accuracy	Dismissal
073	2034-07-25	Nextcloud	Accuracy	Dismissal
074	2034-10-30	ownCloud	Accuracy	Dismissal
075	2035-01-05	Seafile	Accuracy	Dismissal
076	2035-04-10	Nextcloud	Accuracy	Dismissal
077	2035-07-15	ownCloud	Accuracy	Dismissal
078	2035-10-20	Seafile	Accuracy	Dismissal
079	2036-01-25	Nextcloud	Accuracy	Dismissal
080	2036-04-30	ownCloud	Accuracy	Dismissal
081	2036-07-05	Seafile	Accuracy	Dismissal
082	2036-10-10	Nextcloud	Accuracy	Dismissal
083	2037-01-15	ownCloud	Accuracy	Dismissal
084	2037-04-20	Seafile	Accuracy	Dismissal
085	2037-07-25	Nextcloud	Accuracy	Dismissal
086	2037-10-30	ownCloud	Accuracy	Dismissal
087	2038-01-05	Seafile	Accuracy	Dismissal
088	2038-04-10	Nextcloud	Accuracy	Dismissal
089	2038-07-15	ownCloud	Accuracy	Dismissal
090	2038-10-20	Seafile	Accuracy	Dismissal
091	2039-01-25	Nextcloud	Accuracy	Dismissal
092	2039-04-30	ownCloud	Accuracy	Dismissal
093	2039-07-05	Seafile	Accuracy	Dismissal
094	2039-10-10	Nextcloud	Accuracy	Dismissal
095	2040-01-15	ownCloud	Accuracy	Dismissal
096	2040-04-20	Seafile	Accuracy	Dismissal
097	2040-07-25	Nextcloud	Accuracy	Dismissal
098	2040-10-30	ownCloud	Accuracy	Dismissal
099	2041-01-05	Seafile	Accuracy	Dismissal
100	2041-04-10	Nextcloud	Accuracy	Dismissal
101	2041-07-15	ownCloud	Accuracy	Dismissal
102	2041-10-20	Seafile	Accuracy	Dismissal
103	2042-01-25	Nextcloud	Accuracy	Dismissal
104	2042-04-30	ownCloud	Accuracy	Dismissal
105	2042-07-05	Seafile	Accuracy	Dismissal
106	2042-10-10	Nextcloud	Accuracy	Dismissal
107	2043-01-15	ownCloud	Accuracy	Dismissal
108	2043-04-20	Seafile	Accuracy	Dismissal
109	2043-07-25	Nextcloud	Accuracy	Dismissal
110	2043-10-30	ownCloud	Accuracy	Dismissal
111	2044-01-05	Seafile	Accuracy	Dismissal
112	2044-04-10	Nextcloud	Accuracy	Dismissal
113	2044-07-15	ownCloud	Accuracy	Dismissal
114	2044-10-20	Seafile	Accuracy	Dismissal
115	2045-01-25	Nextcloud	Accuracy	Dismissal
116	2045-04-30	ownCloud	Accuracy	Dismissal
117	2045-07-05	Seafile	Accuracy	Dismissal
118	2045-10-10	Nextcloud	Accuracy	Dismissal
119	2046-01-15	ownCloud	Accuracy	Dismissal
120	2046-04-20	Seafile	Accuracy	Dismissal
121	2046-07-25	Nextcloud	Accuracy	Dismissal
122	2046-10-30	ownCloud	Accuracy	Dismissal
123	2047-01-05	Seafile	Accuracy	Dismissal
124	2047-04-10	Nextcloud	Accuracy	Dismissal
125	2047-07-15	ownCloud	Accuracy	Dismissal
126	2047-10-20	Seafile	Accuracy	Dismissal
127	2048-01-25	Nextcloud	Accuracy	Dismissal
128	2048-04-30	ownCloud	Accuracy	Dismissal
129	2048-07-05	Seafile	Accuracy	Dismissal
130	2048-10-10	Nextcloud	Accuracy	Dismissal

Fig. 1.1. The first seven columns and rows 1 to 19 of the AI Hallucination Cases Database

2. AIAAIC Repository

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