Scores for Inflection on the 2023 Foundation Model Transparency Index

Background

- 1. Please see the paper describing the Foundation Model Transparency Index in order to understand what this document includes. The paper provides necessary background on (i) what these indicators are and why they were chosen, (ii) our standardized process for scoring the transparency of foundation model developers, and (iii) what these scores mean in context.
- 2. This document contains only information that was publicly available before September 15, 2023. It has not been updated and should be interpreted as a snapshot of transparency as of September 15, 2023.
- 3. In order to assess the transparency of foundation model developers, we used a rigorous, standardized <u>search protocol</u> to find publicly available information related to these indicators. You can find more information about this search protocol in the paper describing the Foundation Model Transparency Index.
- 4. We evaluate every company in this same way—you can find scoring documents for the other companies <u>here</u>.
- 5. We evaluate each company on 100 indicators of transparency. You can find the definition of each indicator and additional information about how each indicator was scored here.
- 6. Scores for each indicator are either 0 or 1. If the score is a 0, we do not provide a source for the score because our standardized search protocol (which includes many relevant sources) did not yield enough information to award a point. If the score is a 1, we provide a source that includes the information we cite in the justification for the score.
- 7. We evaluate each company on the basis of its flagship foundation model; in the case of Inflection, we evaluate Inflection-1.
- 8. In advance of releasing the Foundation Model Transparency Index, we reached out to Inflection for comment (along with the 9 other companies we evaluated) and offered an opportunity to provide feedback on the index and the organization's scores.

Scores for Each Indicator

1. Upstream \rightarrow Data \rightarrow Data Size

- o Score: 0
- Justification: No information found related to the size of the data. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

2. Upstream \rightarrow Data \rightarrow Data Sources

- o Score: 0
- Justification: No information found related to the content sources of the data. As
 Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and
 training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

3. Upstream \rightarrow Data \rightarrow Data Creators

- o Score: 0
- Justification: No information found related to a characterization of the people who
 created the data. As Inflection notes in its technical memo: "The Inflection-1
 architecture, dataset, and training procedure are proprietary, and we omit their details in
 this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

4. Upstream → Data → Data Source Selection

- o Score: 0
- Justification: No information found related to selection protocols for including and excluding data sources disclosed. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

5. Upstream \rightarrow Data \rightarrow Data Curation

- o Score: 0
- Justification: No information found related to curation protocols for data sources. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

6. Upstream \rightarrow Data \rightarrow Data Augmentation

- o Score: 0
- Justification: No information found related to steps Inflection takes to augment its data sources. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

7. Upstream \rightarrow Data \rightarrow Harmful Data Filtration

- o Score: 0
- Justification: No information found regarding filters used to remove harmful content. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

8. Upstream \rightarrow Data \rightarrow Copyrighted data

- o Score: 0
- Justification: No information found regarding the copyright status of the data used to build Inflection-1. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

9. Upstream \rightarrow Data \rightarrow Data License

- o Score: 0
- O Justification: No information found regarding the license status of the data used to build Inflection-1. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

10. Upstream → Data → Personal Information in Data

- o Score: 0
- Justification: No information found related to the inclusion or exclusion of personal information in specific parts of the data. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

11. Upstream \rightarrow Data Labor \rightarrow <u>Use of Human Labor</u>

- o Score: 0
- Justification: No information found about the phases of the data pipeline where human labor is involved.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

12. Upstream → Data Labor → Employment of Data Laborers

- o Score: 0
- Justification: No information found about the organization that directly employs the people involved in data labor.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

13. Upstream → Data Labor → Geographic Distribution of Data Laborers

- o Score: 0
- Justification: No information found about geographic distribution of data laborers.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

14. Upstream \rightarrow Data Labor \rightarrow Wages

- o Score: 0
- Justification: No information found about the wages for people who perform data labor.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

15. Upstream → Data Labor → <u>Instructions For Creating Data</u>

- o Score: 0
- Justification: No information found about the instructions given to people who create the data used to build Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

16. Upstream \rightarrow Data Labor \rightarrow <u>Labor Protections</u>

- o Score: 0
- Justification: No information found about labor protections for data laborers.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

17. Upstream \rightarrow Data Labor \rightarrow Third Party Partners

- o Score: 0
- Justification: No information found about any third parties who were or are involved in the development of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

18. Upstream → Data Access → Queryable External Data Access

- o Score: 0
- Justification: No information found about whether external entities are provided with queryable access to the data used to build Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

19. Upstream → Data Access → <u>Direct External Data Access</u>

- o Score: 0
- Justification: No information found about whether external entities are provided with direct access to the data used to build Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

20. Upstream → Compute → Compute Usage

- o Score: 0
- o Justification: FLOPS are discussed but not reported in the Inflection-1 technical memo.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

21. Upstream → Compute → <u>Development Duration</u>

- o Score: 0
- Justification: No information found about the time required to build Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

22. Upstream \rightarrow Compute \rightarrow Compute Hardware

- o Score: 0
- Justification: Hardware is disclosed as "thousands of NVIDIA H100 GPUs," falling short of this indicator's precision requirements
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

23. Upstream \rightarrow Compute \rightarrow <u>Hardware Owner</u>

- o Score: 0
- Justification: Hardware owner is not disclosed. An Inflection press release states that the company is building a 22k NVIDIA H100 cluster, but it is not clear whether Inflection-1 was trained on this cluster.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

24. Upstream → Compute → Energy Usage

- o Score: 0
- Justification: No information found about the amount of energy expended in building Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

25. Upstream \rightarrow Compute \rightarrow <u>Carbon Emissions</u>

- o Score: 0
- Justification: No information found about the amount of carbon emitted in building Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

26. Upstream → Compute → <u>Broader Environmental Impact</u>

- o Score: 0
- Justification: No information found any broader environmental impacts from building Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

27. Upstream \rightarrow Methods \rightarrow Model Stages

- o Score: 0
- Justification: No information found about the stages involved in the model development process. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

28. Upstream \rightarrow Methods \rightarrow Model Objectives

- o Score: 0
- Justification: No information found about the learning objectives for each stage in the model development process. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

29. Upstream \rightarrow Methods \rightarrow Core Frameworks

- o Score: 0
- Justification: No information found about the core frameworks used for model development and data. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

30. Upstream → Methods → Additional Dependencies

- o Score: 0
- Justification: No information found about additional dependencies required to build Inflection-1. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

31. Upstream → Data Mitigations → <u>Mitigations for Personally Identifiable Information</u>

- o Score: 0
- Justification: No information found about steps Inflection takes to mitigate the presence of PII in the data.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

32. Upstream \rightarrow Data Mitigations \rightarrow Mitigations for Copyright

- o Score: 0
- Justification: No information found about steps Inflection takes to mitigate the presence of copyrighted information in the data.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

33. Model \rightarrow Model Basics \rightarrow Input Modality

- o Score: 1
- Justification: Per the technical memo, the input modality for Inflection-1 is text.
- Source: https://inflection.ai/assets/Inflection-1.pdf

34. Model \rightarrow Model Basics \rightarrow Output Modality

- o Score: 1
- o Justification: Per the technical memo, the output modality for Inflection-1 is text.
- o Source: https://inflection.ai/assets/Inflection-1.pdf

35. Model \rightarrow Model Basics \rightarrow Model Components

- o Score: 0
- Justification: No information found about the components of the model.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

36. Model → Model Basics → Model Size

- o Score: 0
- Justification: No information found about the size of each component of the model.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

37. Model → Model Basics → Model Architecture

- o Score: 0
- Justification: No information found about the overall structure and organization of Inflection-1. As Inflection notes in its technical memo: "The Inflection-1 architecture, dataset, and training procedure are proprietary, and we omit their details in this memo."
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

38. Model → Model Basics → <u>Centralized Model Documentation</u>

- o Score: 1
- o Justification: Model documentation is centralized in the Inflection-1 Technical Memo.
- o Source: https://inflection.ai/assets/Inflection-1.pdf

39. Model → Model Access → External Model Access Protocol

- o Score: 0
- Justification: No information found relating to a protocol for granting external entities access to Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

40. Model → Model Access → Black Box External Model Access

- o Score: 0
- o Justification: No information found about black box model access for external entities.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

41. Model → Model Access → Full External Model Access

- o Score: 0
- Justification: Full access to Inflection-1 is not provided to external entities via model weights.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

42. Model → Capabilities → <u>Capabilities Description</u>

- o Score: 1
- Justification: Some description of Inflection-1's capabilities in the technical memo and press materials.
- o Source: https://inflection.ai/inflection-1

43. Model → Capabilities → <u>Capabilities Demonstration</u>

- o Score: 0
- Justification: No information found related to demonstrations of multiple capabilities of the model
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

44. Model \rightarrow Capabilities \rightarrow Evaluation of Capabilities

- o Score: 1
- Justification: Capabilities are evaluated on MMLU, HellaSwag, PIQA, BoolQ, NaturalQA, TriviaQA, and GSM8K.
- o Source: https://inflection.ai/assets/Inflection-1.pdf

45. Model → Capabilities → External Reproducibility of Capabilities Evaluation

- o Score: 0
- Justification: Capabilities are evaluated on standard public benchmarks, meaning they
 are assumed to be reproducible, but given the lack of model access, they are not able to
 be reproduced.
- o Source: https://inflection.ai/assets/Inflection-1.pdf

46. Model → Capabilities → Third Party Capabilities Evaluation

- o Score: 0
- Justification: No information found indicating third parties have evaluated the capabilities of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

47. Model \rightarrow Limitations \rightarrow Limitations Description

- o Score: 1
- Justification: Inflection's safety documentation has a section on "known limitations" such as hallucinations, bias, and limited non-English support.
- Source: http://web.archive.org/web/20230914182434/https://inflection.ai/safety

48. Model → Limitations → Limitations Demonstration

- o Score: 0
- Justification: While Inflection provides an extensive description of the limitations, these limitations are not demonstrated with examples.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

49. Model → Limitations → Third-Party Evaluation of Limitations

- o Score: 0
- Justification: No information found indicating that Inflection-1's limitations can be evaluated by third parties.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

50. Model \rightarrow Risks \rightarrow Risks Description

- o Score: 0
- Justification: While there is some discussion of known limitations that could be argued to overlap with risks of unintentional harm, these limitations and other materials do not describe risks of intentional harm that can arise from the deployment and usage of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

51. Model \rightarrow Risks \rightarrow Risks Demonstration

- o Score: 0
- Justification: No information found related to illustrative examples of Inflection-1's risks.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

52. Model → Risks → <u>Unintentional Harm Evaluation</u>

- o Score: 0
- Justification: No information found related to rigorous evaluations of the potential for the model to facilitate unintentional harm.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

53. Model → Risks → External Reproducibility of Unintentional Harm Evaluation

- o Score: 0
- Justification: No information found related to the reproducibility of unintentional harm evaluations as there is no information found about the evaluations themselves.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

54. Model → Risks → <u>Intentional Harm Evaluation</u>

- Justification: No information found related to rigorous evaluations of the potential for the model to facilitate intentional harm.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

55. Model → Risks → External Reproducibility of Intentional Harm Evaluation

- o Score: 0
- Justification: No information found related to the reproducibility of intentional harm evaluations as there is no information found about the evaluations themselves.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

56. Model \rightarrow Risks \rightarrow Third-Party Risk Evaluation

- o Score: 0
- Justification: No information found indicating that third parties have evaluated the risks of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

57. Model → Mitigations → <u>Mitigations Description</u>

- o Score: 1
- o Justification: Inflection states that it implements RLHF and alignment with its safety policy to mitigate risks associated with deployment of Inflection-1.
- o Source: https://inflection.ai/assets/Inflection-1.pdf

58. Model → Model Mitigations → <u>Mitigations Demonstration</u>

- o Score: 0
- Justification: No information found related to illustrative examples of mitigations.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

59. Model → Model Mitigations → <u>Mitigations Evaluation</u>

- o Score: 0
- Justification: No information found related to rigorous evaluations of model mitigations.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

60. Model → Model Mitigations → External Reproducibility of Mitigations Evaluation

- Justification: No information found to indicate mitigations evaluations are externally reproducible.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

61. Model → Model Mitigations → Third Party Mitigations Evaluation

- o Score: 0
- Justification: No information found to indicate mitigations can be evaluated by third parties.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

62. Model → Trustworthiness → Trustworthiness Evaluation

- o Score: 0
- Justification: No information found related to evaluations of robustness, reliability, hallucinations, uncertainty, calibration, causality, interpretability, or explainability.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

63. Model → Trustworthiness → External Reproducibility of Trustworthiness Evaluation

- o Score: 0
- Justification: No information found related to trustworthiness evaluations, and so no information was found about their reproducibility.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

64. Model → Inference → Inference Duration Evaluation

- o Score: 0
- Justification: No information found related to the time required for model inference.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

65. Model → Inference → <u>Inference Compute Evaluation</u>

- o Score: 0
- Justification: No information found related to compute usage for model inference.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

66. Downstream → Distribution → Release Decision-Making

- Justification: No information found about Inflection's protocol for deciding to release Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

67. Downstream \rightarrow Distribution \rightarrow Release Process

- o Score: 0
- Justification: No information found about the process of how Inflection-1 was released.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

68. Downstream \rightarrow Distribution \rightarrow Distribution Channels

- o Score: 1
- Justification: Pi and Inflection's forthcoming API are listed as intended distribution channels.
- Source: https://web.archive.org/web/20230914064332/http://web.archive.org/screenshot/https://inflection.ai/inflection-1

69. Downstream \rightarrow Distribution \rightarrow Products and Services

- o Score: 1
- o Justification: Inflection states that Inflection-1 powers Pi, a conversational chatbot.
- Source: https://web.archive.org/web/20230914064332/http://web.archive.org/screenshot/https://inflection.ai/inflection-2

70. Downstream → Distribution → Detection of Machine-Generated Content

- o Score: 0
- Justification: No information found related to a mechanism for the detection of content generated by Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

71. Downstream \rightarrow Distribution \rightarrow Model License

- o Score: 0
- Justification: No information found about the license for Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

72. Downstream \rightarrow Distribution \rightarrow Terms of Service

- o Score: 1
- Justification: Inflection's terms of service applies squarely to Pi as a distribution channel for Inflection-1.
- Source: https://heypi.com/policy#terms

73. Downstream → Usage Policy → <u>Permitted</u>, <u>Restricted</u>, and <u>Prohibited Users</u>

- o Score: 0
- Justification: No information found related to permitted, restricted, and prohibited users.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

74. Downstream → Usage Policy → Permitted, Restricted, and Prohibited Uses

- o Score: 1
- Justification: Acceptable Use Policy is detailed in the terms of service, outlines prohibited uses such as illegal uses, harmful uses, and abusive content.
- Source: https://heypi.com/policy#terms

75. Downstream → Usage Policy → <u>Usage Policy Enforcement</u>

- o Score: 0
- Justification: No information found related to an enforcement protocol for the usage policy.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

76. Downstream → Usage Policy → Justification for Enforcement Action

- o Score: 1
- Justification: When a user account is suspended, the following page reads "Account suspension may occur if a user violates our user policies. These guidelines outline what constitutes acceptable behavior and content when users talk to Pi. Common violations include: Engaging in hateful speech Attempting to engage Pi in explicit role-playing Discussing abusive or illegal topics Attempting to evade security and safety measures"
- Source: https://heypisupport.zendesk.com/hc/en-us/articles/17791183959437-Understanding-Account-Suspension-Why-was-my-account-suspended-

- 77. Downstream → Usage Policy → <u>Usage Policy Violation Appeals Mechanism</u>
 - o Score: 1
 - Justification: There is an appeals form if a user account is suspended
 - Source: https://web.archive.org/web/20230914081031/https://docs.google.com/forms/d/e/1FAIp-0LScv5 -e6HikvngRBrpx8OG65PSAkX9XLXVMnE5eTpOdZOxF3O/viewform
- 78. Downstream → Model Behavior Policy → <u>Permitted, Restricted, and Prohibited Model</u> Behaviors
 - o Score: 1
 - Justification: Detailed description of prohibited model behaviors in "Policy-First" section of safety policy
 - Source: https://inflection.ai/safety
- 79. Downstream → Model Behavior Policy → Model Behavior Policy Enforcement
 - o Score: 1
 - Justification: Review and Improvement section of safety policy outlines several mechanisms for model behavior policy enforcement
 - o Source: https://inflection.ai/safety
- 80. Downstream → Model Behavior Policy → <u>Interoperability of Usage and Model Behavior</u> Policies
 - o Score: 0
 - Justification: No information found about how the usage policy and the model behavior policy interoperate.
 - Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.
- 81. Downstream → User Interface → <u>User Interaction with AI System</u>
 - o Score: 1
 - Justification: UI says "This early version of Pi can make mistakes. Please don't rely on its information." This makes clear that the user is interacting with an early version of Pi.
 - o Source: https://pi.ai/talk
- 82. Downstream → User Interface → <u>Usage Disclaimers</u>
 - o Score: 1

- Justification: TOS and Privacy Policy are linked at the bottom of Pi web interface. The UI also says during the conversation: "This early version of Pi can make mistakes.
 Please don't rely on its information."
- o Source: https://pi.ai/talk

83. Downstream \rightarrow User Data Protection \rightarrow User Data Protection Policy

- o Score: 1
- Justification: Inflection's Privacy Policy addresses its protocols for accessing, storing, and sharing user data.
- Source: https://heypi.com/policy#policy

84. Downstream → User Data Protection → Permitted and Prohibited Use of User Data

- o Score: 1
- Justification: Inflection's Privacy Policy includes details about permitted and prohibited uses of user data.
- Source: https://heypi.com/policy#policy

85. Downstream → User Data Protection → <u>Usage Data Access Protocol</u>

- o Score: 0
- Justification: No information found related to a protocol for granting external entities access to usage data.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

86. Downstream → Model Updates → <u>Versioning Protocol</u>

- o Score: 0
- Justification: No information found related to a protocol for uniquely identifying each instance of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

87. Downstream \rightarrow Model Updates \rightarrow Change Log

- o Score: 0
- Justification: No information found related to each change associated with different versions of Inflection-1.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

88. Downstream \rightarrow Model Updates \rightarrow Deprecation Policy

- Justification: No information found related to a description of what it means for Inflection-1 or other foundation models from Inflection to be deprecated and how users should respond to the deprecation.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

89. Downstream → Feedback → Feedback Mechanism

- o Score: 1
- Justification: The Pi web interface has a tab that opens a feedback form
- Source: https://pi-ai.typeform.com/to/AzrorQcf?typeform-source=pi.ai

90. Downstream \rightarrow Feedback \rightarrow Feedback Summary

- o Score: 0
- Justification: No information found related to any summary of user feedback.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

91. Downstream → Feedback → Government Inquiries

- o Score: 0
- Justification: No information found in connection with a summary of government inquiries related to the model.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

92. Downstream → Impact → Monitoring Mechanism

- o Score: 1
- Justification: Inflection's safety policy states "Safety policy states "Monitoring: We automate monitoring across our platform to understand usage, conversational quality, and where our models might be failing to meet our safety policy. These systems help to surface potentially unsafe patterns in model behavior, and help to inform and prioritize the issues that we need to fix. Log Review: Quantitative methods are only one part of the picture. Sometimes the violation of a safety policy can be extremely subtle and only revealed on careful review of the AI's behavior. Inflection maintains a dedicated team of specialists that examine deidentified logs flagged as potential violations to surface issues and improve model safety."
- Source: https://inflection.ai/safety

93. Downstream → Impact → <u>Downstream Applications</u>

- o Score: 0
- Justification: No information found related to the number of applications dependent on the foundation model.

• Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

94. Downstream → Impact → Affected Market Sectors

- o Score: 0
- Justification: No information found related to the fraction of applications corresponding to each market sector.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

95. Downstream \rightarrow Impact \rightarrow Affected Individuals

- o Score: 0
- Justification: No information found related to the number of individuals affected by the model.
- Source: Search protocol produced no source containing sufficient information to award this point

96. Downstream \rightarrow Impact \rightarrow <u>Usage Reports</u>

- o Score: 0
- Justification: No information found related to usage statistics describing the impact of the model on users.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

97. Downstream \rightarrow Impact \rightarrow Geographic Statistics

- o Score: 0
- Justification: No information found regarding statistics of model usage across geographies.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

98. Downstream → Impact → Redress Mechanism

- o Score: 0
- Justification: No information found regarding any mechanism to provide redress to users for harm caused by the model.
- Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.

- 99. Downstream → Documentation for Deployers → <u>Centralized Documentation for Downstream</u>
 <u>Use</u>
 - o Score: 0
 - o Justification: No centralized documentation for downstream use found.
 - Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.
- 100. Downstream → Documentation for Deployers → <u>Documentation for Responsible</u> <u>Downstream Use</u>
 - o Score: 0
 - o Justification: No documentation for responsible downstream use found.
 - Source: No source is provided because the search protocol did not produce a source containing sufficient information to award this point.