IBM AlchemyAPI for Bluemix

Except as noted below the terms of the IBM Bluemix Service Description or Terms of Use, as applicable, apply.

1. Cloud Service Description

The IBM AlchemyAPI for Bluemix Cloud Service allows Clients to create smart applications that perform content analysis on text and images. Using natural language processing, image recognition and machine learning algorithms, Clients can enrich and extract semantic meta-data from content, such as information on people, places, companies, topics, facts, relationships, authors, and languages.

1.1 IBM Alchemy API for Bluemix

This Cloud Service provides a series of API endpoints for performing content analysis on Internet-accessible web pages, posted HTML or text content. Features included in this Cloud Service are:

- The IBM AlchemyLanguage service offers 12 API functions for text analysis, each of which uses sophisticated natural language processing techniques to analyze content and add high-level semantic information. Client can use the API to perform any of the following tasks: entity extraction, sentiment analysis, keyword extraction, concept tagging, relation extraction, taxonomy classification, author extraction, language detection, text extraction, microformats parsing, feed detection and linked data support.

- The IBM AlchemyVision service offers functions to analyze complex visual scenes in their entirety, without requiring textual clues, leveraging a holistic approach to understand the multiple objects and surroundings in common smartphone photos and online images. Clients can use the API to perform any of the following tasks: image recognition, image link extraction, and scene recognition.

- The IBM AlchemyData News service allows Client to query news sources and blogs like a database. Client can use the API to query tens of thousands of news sources and blog content.

1.2 Optional Offerings

The following base plans for the Cloud Service include entitlement for concurrent access requests to the APIs:

- IBM AlchemyAPI Basic for Bluemix provides entitlement for up to 25 concurrent access requests.
- IBM AlchemyAPI Advanced for Bluemix provides entitlement for up to 100 concurrent access requests.
- IBM AlchemyAPI Professional for Bluemix provides entitlement for up to 250 concurrent access requests.

The Cloud Service can be used for development of applications that may only be used internally within Client’s enterprise.

2. Content, Data, Feedback and Suggestions

2.1 Rights Granted by Client

In order to improve or enhance the Cloud Service, or to develop new services, IBM may use Client’s content and data that Client provides to the Cloud Service. By using the Cloud Service, Client agrees, and agrees to notify its end users who use Client’s application, that IBM may access, use, copy, distribute internally, and extract, compile, synthesize, analyze and otherwise make derivative works of Client’s and Client’s end user’s content and data to improve or enhance the Cloud Service, or to develop new services. Client and Client’s end users will not be identified in any such enhancements or new services.

Client agrees the content or data and any suggestions or feedback provided will not include confidential information of Client or any other person or entity. IBM may use for any purpose without restriction any feedback and suggestions that Client or its end users provides. Client represents and warrants it will obtain all required authorizations prior to providing the content, data, suggestions and feedback to the Cloud Service.
3. **Model Improvements**
   The underlying learning models in the Cloud Service may be periodically modified by IBM, based on learning, in order to improve its performance.

4. **Entitlement and Billing Information**

4.1 **Charge Metrics**
   The Cloud Service is offered in accordance with the following charge metric(s):
   
   a. **Instance** – An Instance is access to a specific configuration of the Cloud Service. Client will be charged for each Instance of the Cloud Service that is deployed during the billing period.
   
   b. **Event** – An Event is an occurrence of a specific event that is processed by or related to the use of the Cloud Service, as described in the Cloud Service description. Client will be charged for the number of Events, during the billing period.

   Events are calculated for and included in the information returned by each API call. Calculations vary by the type of service:
   
   - Events related to the use of the IBM AlchemyLanguage API will be calculated based on the number of enrichments returned by the API. Many of the API calls require 1 event; some API calls require multiple events.
   
   - Events related to the use of the IBM AlchemyVision API will be calculated based on the number of enrichments returned by the API. Many of the API calls require 4 event; some API calls require multiple events.
   
   - Events related to the use of the IBM AlchemyData News API will be calculated based on the following facets: a) the number of enrichments returned by the API; b) the volume of data returned by the API; and c) the length of time, as specified in the API call, used to determine the number of news objects included for analysis.

4.2 **Free Tier**
   Client is entitled to a free allotment of 1,000 Events per day across all services.

4.3 **Partial Monthly Charges**
   Each Instance is billed on a monthly basis. Partial month deployment/usage will be pro-rated.

5. **Safe Harbor Framework**
   The Cloud Service does not comply with the US-EU and US-Swiss Safe Harbor Frameworks.