

Age Prediction API — Reference

Mei · text-based age estimation · model age-v2 · Base URL <https://www.textmei.com>

Overview

The Age Prediction API infers age from text — passively, from writing style, with no selfie or ID. You send a writing sample; it returns an over/under-threshold gate decision, an age-range bucket, and a confidence score. One endpoint, JSON in and JSON out.

Quick start

```
curl -X POST https://www.textmei.com/api/v1/age-gate \  
  -H "Authorization: Bearer YOUR_API_KEY" \  
  -H "Content-Type: application/json" \  
  -d '{"text": "..."}'
```

No key yet? The Free tier works with no signup (IP rate-limited), same model and response shape as paid.

Authentication

Pass your API key as a bearer token in the Authorization header:

```
Authorization: Bearer YOUR_API_KEY
```

Endpoint · POST /api/v1/age-gate

Request body

text *string · required*

The writing sample to score — a message, email, or post. Minimum 30 characters; longer samples raise confidence.

Response (200)

verdict *string*

The age-gate decision: over_18, under_18, or uncertain.

confidence *float*

Model confidence in the verdict, 0-1.

predicted_age_range *string*

Estimated age band, e.g. 14-17.

model_version *string*

The model that produced the result, e.g. age-v2.

decision_id *string*

Unique id for the decision — keep it for your audit trail.

ms *integer*

Server processing time, in milliseconds.

tier *string*

Billing tier the call was served on: free or payg.

Example response

```
{  
  "verdict": "under_18",  
  "confidence": 0.87,  
  "predicted_age_range": "14-17",  
  "model_version": "age-v2",  
  "decision_id": "agd_01HZK4PYR2X9JFQ8N4COM",  
  "ms": 142,  
  "tier": "free"  
}
```

Errors

The API uses standard HTTP status codes.

400 Bad request — missing text, or the sample is below the 30-character minimum.

- 401** Unauthorized — missing or invalid API key.
- 403** Forbidden — out of credits or over quota (pay-as-you-go).
- 429** Too many requests — rate limit exceeded.

Rate limits & tiers

Free No signup. IP rate-limited: 10/hour, 50/day. Same model and response shape as paid.

Pay-as-you-go API key required, metered per call. See textmei.com/age-prediction-api for current rates.

Model & accuracy

A calibrated classifier trained on confirmed-age users from a decade-long messaging corpus, using within-person history. Tuned for specificity — adults pass without friction; only the suspected-minor subset is escalated.

Specificity (adults cleared) 94%

Precision (minor flags correct) 91%

Recall (minors caught) 67%

Accuracy ~82%

Held-out evaluation against 3,400+ users with confirmed ages; retrained on 17,000+ users.

textmei.com/age-prediction-api