

# User Guide:

## Integration with Claude 3.5 API by Anthropic

### TEXT GENERATION

#### Introduction

This guide provides detailed instructions for integrating with the Claude 3.5 API by Anthropic. The API offers advanced text generation capabilities, which can be used to create various types of content, including stories. The integration allows for generating text responses based on provided prompts. This guide will walk through the setup, code implementation, and troubleshooting for generating any story.

#### API Setup

##### 1. Obtain API Key

- Create an Account: Sign up at [Anthropic](#).
- Get API Key: Log in to your Anthropic account, navigate to the API section, and obtain your API key.

##### 2. Verify Billing and Credits

- Ensure that your account has sufficient credits or is on an appropriate plan. If you encounter issues related to credit balance, purchase additional credits or upgrade your plan through the [Plans & Billing](#) section of your account dashboard.

#### Integration Steps

##### 1. Set Up Your Environment

- Ensure you have Python installed. Install the requests library if it's not already installed

##### 2. Implement Integration Code

- The Python code for integrating with the Claude 3.5 API is provided in the Python notebook file available in the **Integrations** folder.

##### 4. Sample Prompt:

- "Tell me the story of Harry Potter."

##### 3. Sample Response

The response from the API will include the generated text. The structure of the response may look like this:

```
{
  "choices": [
    {
      "message": {
        "content": "Harry Potter was a young boy who discovered he was a wizard on his 11th birthday..."
      }
    }
  ]
}
```

## Troubleshooting

### 1. Common Errors

- **Invalid API Key:** Verify that you have entered the correct API key. Check for typos and ensure that the key has not expired.
- **Low Credit Balance:** If you receive an error about insufficient credits, check your billing status and purchase additional credits as needed.

### 2. Error Messages

- **Low Credit Balance:**

```
{
  "type": "error",
  "error": {
    "type": "invalid_request_error",
    "message": "Your credit balance is too low to access the Claude API."
  }
}
```

## Conclusion

This guide provides a step-by-step approach to integrating with the Claude 3.5 API for generating a story about Harry Potter. By following the setup instructions and using the provided code example, we should be able to successfully generate text content. For additional support, we can refer to the [API Documentation](#) or contact Anthropic support.