Data_Merge_2

📌 Objective:

This notebook enriches episode and season-level TV metadata with structured award classification results using a multi-phase pipeline. The goal is to enable downstream analysis of how narrative, production, and acting awards are distributed across shows, seasons, and episodes.

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💼 Tools and Technologies:

- Python (pandas, dask, tqdm, re, json)
- OpenAI API (GPT-4o-mini) for natural language classification
- Dask for scalable merge operations
- Fuzzy matching and metadata-aware logic for episode/season-level inference

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Updated by May 16 – Season-Level Award Integration

Input

- `awards_parsed_matches_gpt4omini_all.csv`
- `tv_analysis_cleaned_0424.csv`

Output

- `tv_analysis_new_season_0516.csv`

New Variables Added

Season-level awards for episodes within a specific season:

- mapped_season_award_total
- mapped_season_award_narrative
- mapped_season_award_production
- mapped_season_award_acting
- mapped_season_award_details (list of award event dictionaries)

Note:

1. The original season-level award data, like "season_num_award_all", "season_num_narrative_award", "season_num_production_award", "season_num_acting_award", "season_award_details_all" are awards granted to a show's season as a whole
2. Only merged if the show-season exists in the TV metadata.

Original Classification & Merge Documentation

`merged_imdb_rt_award_all_cleaned.csv`

- New Variables Compared to Original Dataset: `Merged_Df_Cleaned_Processed_ly.csv`

Variable Name	Description
imdb_episode_title	Episode title from IMDb
imdb_episode_plot_summary	Episode plot summary from IMDb
imdb_episode_rating_score	IMDb user rating score (e.g., 8.3)
imdb_episode_votes_num	Number of IMDb user votes
imdb_episode_url	URL link to the episode's IMDb page
imdb_show_awards_summary	Summary text of awards and nominations listed on the show's IMDb main page
imdb_episode_num_award_all	**Total number of awards the episode has received**
imdb_episode_num_narrative_award	**Number of narrative awards at the episode level**
imdb_episode_num_production_award	**Number of production awards at the episode level**
imdb_episode_num_acting_award	**Number of acting awards at the episode level**
imdb_episode_award_details_all	**List of dictionaries detailing all episode-level awards**
imdb_season_num_award_all	**Total number of awards the season has received**
imdb_season_num_narrative_award	**Number of narrative awards at the season level**
imdb_season_num_production_award	**Number of production awards at the season level**
imdb_season_num_acting_award	**Number of acting awards at the season level**
imdb_season_award_details_all	**List of dictionaries detailing all season-level awards**
imdb_show_num_award_all	**Total number of awards the show has received**

Variable Name	Description
imdb_show_num_narrative_award	**Number of narrative awards at the show level**
imdb_show_num_production_award	**Number of production awards at the show level**
imdb_show_num_acting_award	**Number of acting awards at the show level**
imdb_show_award_details_all	**List of dictionaries detailing all show-level awards**
rt_season_url	Rotten Tomatoes season page URL
rt_season_all_critics_score	Rotten Tomatoes critic score for the season (0–100)
rt_season_all_critics_num	Number of critic reviews for the season
rt_season_all_audience_score	Rotten Tomatoes audience score for the season (0–100)
rt_season_all_audience_num	Number of audience ratings for the season
rt_season_plot_summary	Summary of the season from Rotten Tomatoes

- Extend award classification tasks to Production and Actor categories, and merge these with the main dataset along with the Narrative categories

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Phase 1: Award Classification using LLM (GPT-4o-mini)

Input:

- `merged_imdb_award_meta.csv` (episode-level metadata)
- `imdb_award_filtered_actual.csv` (cleaned IMDb award records)

Output:

- `awards_parsed_matches_gpt4omini_all.csv` (LLM-classified award matches)
- `awards_raw_llm_responses_gpt4omini.json` (raw JSON responses from GPT)

Key Methods:

- `awards_parsed_matches_gpt4omini_all.csv` = `imdb_award_filtered_actual.csv` + LLM response (matched against `merged_imdb_award_meta.csv`)
- Constructed GPT prompts per award entry using episode list and metadata.
- Queried OpenAI API with retry and backoff logic.
- Parsed GPT output and validated:
  - Classified each entry into `episode-level`, `season-level`, `show-level`, `outside-meta`, or `Unknown`.
  - Matched episode titles using normalized strings and fuzzy logic.
- Saved intermediate outputs every 50 entries for reproducibility.

Phase 2: Enrich Metadata with Award Information

Input:

- `awards_parsed_matches_gpt4omini_all.csv` (classified awards)
- `merged_imdb_award_meta.csv` (metadata to be enriched)

Output:

- `updated_metadata_with_awards_all.csv` (award-enriched metadata)

Methods:

- For each award:
  - **Episode-level:** matched on `["show", "year", "imdb_episode_title"]` (normalized); incremented `episode_num_*`; appended to `episode_award_details_all`
  - **Season-level:** matched on `["show", "year"]`; incremented `season_num_*`; appended to `season_award_details_all`
  - **Show-level:** matched on `["show"]`; incremented `show_num_*`; appended to `show_award_details_all`
- Included both total and narrative-specific award counts
- Skipped rows with `outside-meta` or errors

Phase 3: Merge Enriched Metadata into Main Dataset

Input:

- `updated_metadata_with_awards_all.csv` (enriched metadata)
- `merged_imdb_rt_award.csv` (main dataset with RT+IMDb info)

Output:

- `merged_imdb_rt_award_all.csv` (merged full dataset with narrative award counts and details)
- `merged_imdb_rt_award_all_cleaned.csv` (deduplicated version)

Methods:

- Left join on `["show", "year", "season", "episode"]` using Dask for scalable merging

- Reordered columns to place award fields after `imdb_show_awards_summary`
- Performed quality checks:
  - Identified and removed fully duplicated rows.

Code

Classification and Reasoning with LLM

```python
# ----------------------------------------------------------------
# Cell 1: Imports and Setup
# ----------------------------------------------------------------
import pandas as pd
import os
import time
import json
from openai import OpenAI, RateLimitError, APIError # Use OpenAI library
from tqdm import tqdm
from dotenv import load_dotenv
import re
from datetime import datetime
import math # For isnan check
```

```python
# --- Configuration ---
EPISODE_FILE = '../data/raw/merged_imdb_award_meta.csv'
AWARD_FILE = '../data/imdb_data/imdb_award_filtered_actual.csv'
OUTPUT_CSV_FILE = 'awards_parsed_matches_gpt4omini_all.csv' # CSV Output for PARSED data
OUTPUT_JSON_FILE = 'awards_raw_llm_responses_gpt4omini.json' # JSON Output for RAW LLM responses
MODEL_NAME = "gpt-4o-mini" # Specify the OpenAI model
MAX_TOKENS_COMPLETION = 500 # Max tokens for the completion part of the response
TEMPERATURE = 0.1
MAX_RETRIES = 5
RETRY_DELAY_SECONDS = 10 # Start delay, doubles each retry
MAX_EP_LIST_CHARS = 150000 # Character limit for episode list in prompt
SAVE_INTERVAL = 50 # How often to save intermediate results
```

```python
# --- Load API Key (Local .env method) ---
print("Loading OpenAI API Key...")
load_dotenv()
api_key = os.getenv("OPENAI_API_KEY")
if not api_key:
    raise ValueError("OpenAI API key not found. Please set the OPENAI_API_KEY environment variable or create a .env fil

# Initialize OpenAI client
try:
    client = OpenAI(api_key=api_key)
    print("OpenAI client initialized.")
except Exception as e:
    print(f"Error initializing OpenAI client: {e}")
    client = None

print(f"Using OpenAI model: {MODEL_NAME}")
```

```
Loading OpenAI API Key...
OpenAI client initialized.
Using OpenAI model: gpt-4o-mini
```

```python
# --- Helper Functions ---

def get_episodes_for_show_with_details(episodes_df, show_name, show_year):
    """
    Retrieves and formats episode list including S/E numbers and dates.
    Returns the formatted string and a lookup dictionary.
    """
    show_name_str = str(show_name).strip().lower()
    # Ensure show_year is comparable (handle potential floats/Nones from CSV)
    try:
        show_year_int = int(show_year)
    except (ValueError, TypeError):
        return None, None, f"Invalid show year '{show_year}' for {show_name}"

    show_episodes = episodes_df[
        (episodes_df['show'].astype(str).str.strip().str.lower() == show_name_str) &
        (episodes_df['year'] == show_year_int) # Compare with int year
    ].copy()

    if show_episodes.empty:
        # Try searching without year if no match with year
        show_episodes_no_year = episodes_df[
            episodes_df['show'].astype(str).str.strip().str.lower() == show_name_str
        ].copy()
        if not show_episodes_no_year.empty:
            # Heuristic: If only one year exists for the show, use that. Otherwise ambiguous.
            unique_years = show_episodes_no_year['year'].unique()
            if len(unique_years) == 1:
                print(f"Warning: No exact match for {show_name} ({show_year_int}), but found unique year {unique_years[
                show_episodes = show_episodes_no_year[show_episodes_no_year['year'] == unique_years[0]]
                show_year_int = unique_years[0] # Update the year we are using
            else:
                return None, None, f"No episodes found for {show_name} ({show_year_int}). Found multiple years: {unique
```

```python
            else:
                return None, None, f"No episodes found for {show_name} (searched with and without year {show_year_int})"

        # Proceed with cleaning and formatting the found episodes
        show_episodes.dropna(subset=['season', 'episode', 'air_date_dt'], inplace=True)
        if show_episodes.empty:
            return None, None, f"No valid episodes with dates found for {show_name} ({show_year_int}) after cleaning"

        try:
            show_episodes['season'] = show_episodes['season'].astype(int)
            show_episodes['episode'] = show_episodes['episode'].astype(int)
        except ValueError as e:
            return None, None, f"Error converting season/episode to int for {show_name} ({show_year_int}): {e}"

        show_episodes = show_episodes.sort_values(by=['season', 'episode', 'air_date_dt'])

        ep_list_str = ""
        episode_lookup = {}
        for _, ep in show_episodes.iterrows():
            season_num = ep['season']
            episode_num = ep['episode']
            title = ep.get('imdb_episode_title', 'Unknown Title')
            air_date_str = ep['air_date_dt'].strftime('%m/%d/%y') if pd.notna(ep['air_date_dt']) else 'Unknown Date'
            # Use clean_title for the lookup key
            clean_title = ep['clean_title']
            if pd.isna(clean_title) or clean_title == '':
                continue # Skip episodes with no clean title for lookup keys

            ep_list_str += f"S{season_num}E{episode_num}: \"{title}\" (Air Date: {air_date_str})\n"
            # Store details using the clean title as key
            episode_lookup[clean_title] = {
                "season": season_num, "episode": episode_num,
                "original_title": title, "air_date_dt": ep['air_date_dt']
            }

        if not episode_lookup:
            return None, None, f"No episodes with valid clean titles found for lookup for {show_name} ({show_year_int})"

        return ep_list_str.strip(), episode_lookup, None


def extract_year_from_details(details_str):
    """Extracts the first 4-digit year from the event_details string."""
    if not isinstance(details_str, str): return None
    match = re.search(r'\b(19[8-9]\d|20[0-2]\d)\b', details_str) # 1980-2029
    return int(match.group(1)) if match else None


def build_gpt_prompt(award_row, ep_list_str):
    """Builds the refined prompt for OpenAI GPT, using the final 5-step logic."""
    award_note = str(award_row.get('award_note', ''))
    event_details = str(award_row.get('event_details', ''))
    award_category = str(award_row.get('award_category', ''))
    show_name = str(award_row['show'])
    # Handle potential NaN/float year from CSV read before passing
    show_year = 'Unknown Start Year'
    try:
        show_year = int(award_row['year'])
    except (ValueError, TypeError):
        pass # Keep as 'Unknown Start Year' if conversion fails

    award_index = award_row['award_index']

    # Replace NaN/None/empty strings for cleaner prompt presentation
    award_note = '' if pd.isna(award_note) or str(award_note).strip().lower() in ['nan', ''] else str(award_note).strip
    event_details = '' if pd.isna(event_details) or str(event_details).strip().lower() in ['nan', ''] else str(event_de
    award_category = '' if pd.isna(award_category) or str(award_category).strip().lower() in ['nan', ''] else str(award

    # System prompt content will be handled in the API call structure
    prompt = f"""You are an expert TV show analyst. Analyze the award details below and determine the specific episode(
```

Award Details:
Award Index: {award_index}
Award Note: {award_note if award_note else 'N/A'}
Award Event/Details: {event_details if event_details else 'N/A'}
Award Category: {award_category if award_category else 'N/A'}

Show Information:
Show Name: "{show_name}" (started {show_year})
Episode List (Format S##E##: "Title" (Air Date: MM/DD/YY)):
--- START EPISODE LIST ---
{ep_list_str if ep_list_str else 'No Episode List Available'}
--- END EPISODE LIST ---

Instructions & Logic (Apply in strict priority order 1-5):

1. **Rule 1: Explicit Episode Match :** Look for explicit episode title mentions (check against `Episode List`) or st
    *   If one or more episodes are confidently identified AND verifiable against the `Episode List`: Populate `episode
    *   If an episode is clearly referenced but CANNOT be verified against the `Episode List` (e.g., title mismatch, S/
    *   If Rule 1 applies (either verified or outside-meta), STOP and provide the output. Do not proceed to other rules

2. **Rule 2: Explicit Season Match:**
    *   If Rule 1 did not apply, look for explicit mentions of a season number (e.g., "for Season 3", "Season 2 award",

```
        *   If found: Set `award_scope`="season-level", `episode_match`=null. If one season is mentioned, set `season_match`
        *   If Rule 2 applies, STOP and provide the output.

    3.  **Rule 3: Inferred Season Match (Timing):**
        *   If Rules 1 and 2 did not apply, extract the **Award Year** (e.g., "2010 Winner" -> 2010) from `Award Event/Deta
        *   Calculate the **Target Year of Recognition** as **Award Year - 1**.
        *   Find the *latest* season number from the `Episode List` that aired *any* episodes during that **Target Year**.
        *   If found: Set `episode_match`=null, `season_match` to that single season number (as a string). Set `award_scope
        *   EXCEPTION: If `Award Category` or `Award Note` strongly suggests a "New Series/Program" award, AND the Award Ye

    4.  **Rule 4: Show-Level Match:**
        *   If Rules 1 and 2 did not apply, check if the `award_category` or `award_note` suggests an award for the show's
        *   If yes: Set `award_scope`="show-level", `episode_match`=null, `season_match`="Unknown", `match_confidence`=0.4.
        *   If Rule 4 applies, STOP and provide the output.

    5.  **Rule 5: Unknown (Default):**
        *   If none of the above rules (1, 2, 3, or 4) resulted in a match: Set `award_scope`="Unknown", `episode_match`=nu

Output Format: Return ONLY the JSON object, strictly adhering to the format below. Ensure JSON is valid. Do not add any

```json
{{
  "award_index": {award_index},
  "episode_match": [ {{ "title": "<Exact Title from List>", "season": <Num>, "episode": <Num> }} ] or null,
  "season_match": "<Season Num String>" or ["<Season Num 1>", "<Season Num 2>", ...] or "Unknown" or null,
  "award_scope": "<'episode-level' | 'season-level' | 'show-level' | 'outside-meta' | 'Unknown'>",
  "match_confidence": <Float 0.0-1.0>
}}
```


Analyze and provide the JSON output.
"""
    return prompt

def call_openai_with_backoff(prompt, award_idx):
    """Calls OpenAI API with exponential backoff. Returns raw response string or error JSON string."""
    retries = 0
    delay = RETRY_DELAY_SECONDS
    if client is None:
        print(f"Error: OpenAI client not initialized for award index {award_idx}.")
        # Return an error JSON structure matching the expected output format for consistency
        return json.dumps({
            "award_index": award_idx,
            "episode_match": None,
            "season_match": "Error: Client Not Initialized",
            "award_scope": "Error",
            "match_confidence": 0.0,
            "api_error": "Client Not Initialized"
        })

    # Template for error JSON returned by *this function* on failure
    error_json_template = ({
        "award_index": award_idx,
        "episode_match": None,
        "season_match": "Error: {err_type}",
        "award_scope": "Error",
        "match_confidence": 0.0,
        "api_error": "{err_detail}" # Add specific error detail
    })

    while retries < MAX_RETRIES:
        try:
            # print(f"DEBUG: Sending prompt for award {award_idx} to OpenAI...") # Debug
            response = client.chat.completions.create(
                model=MODEL_NAME,
                messages=[
                    {"role": "system", "content": "You are an expert TV show analyst assisting with data extraction. Re
                    {"role": "user", "content": prompt}
                ],
                max_tokens=MAX_TOKENS_COMPLETION,
                temperature=TEMPERATURE,
                n=1,
                stop=None,
                response_format={ "type": "json_object" } # Request JSON mode
)
            # print(f"DEBUG: Received response for award {award_idx}...") # Debug
            # Return the raw JSON string content
            return response.choices[0].message.content.strip()

        except RateLimitError as e:
            retries += 1
            err_msg = f"Rate limit hit ({e}). Retrying in {delay}s... ({retries}/{MAX_RETRIES})"
            print(f"Index {award_idx}: {err_msg}")
            if retries >= MAX_RETRIES:
                return json.dumps(error_json_template).format(
                    err_type="RateLimitError", err_detail=str(e)
)
            time.sleep(delay)
            delay *= 2
        except APIError as e:
            error_status = e.status_code if hasattr(e, 'status_code') else 'Unknown Status'
            error_message = str(e)
            err_msg = f"API Error ({error_status}): {error_message}."
```

```python
                    print(f"Index {award_idx}: {err_msg}")
                    if 500 <= error_status < 600: # Retry on server errors
                        retries += 1
                        err_msg += f" Retrying in {delay}s... ({retries}/{MAX_RETRIES})"
                        print(f"Index {award_idx}: Retrying server error...")
                        if retries >= MAX_RETRIES:
                            return json.dumps(error_json_template).format(
                                err_type=f"APIError {error_status}", err_detail=error_message[:100]
                            )
                        time.sleep(delay)
                        delay *= 2
                    else: # Don't retry client-side errors (4xx) or unknown status errors immediately
                        print(f"Index {award_idx}: Not retrying non-server API error.")
                        return json.dumps(error_json_template).format(
                            err_type=f"APIError {error_status}", err_detail=error_message[:100]
                        )
            except Exception as e:
                # Catch any other unexpected errors during the API call
                err_msg = f"Unexpected API call error: {type(e).__name__} - {e}"
                print(f"Index {award_idx}: {err_msg}")
                # Don't retry generic errors usually
                return json.dumps(error_json_template).format(
                    err_type=type(e).__name__, err_detail=str(e)[:100]
                )

        # If loop finishes without success (should be caught by retry checks)
        print(f"Error: Max retries exceeded for award index {award_idx} (Loop Exit - Should not happen normally)")
        return json.dumps(error_json_template).format(
            err_type="Max Retries Exceeded", err_detail="Loop finished after max retries."
        )


def parse_llm_response(response_text, expected_award_index, episode_lookup):
    """
    Parses the JSON response string from OpenAI, validates fields based on expected format,
    verifies episode matches against lookup, and returns a structured dictionary including
    the original raw JSON response. Handles cases where response_text itself is an error JSON.
    """
    # Define the structure for the final PARSED output dictionary
    parsed_result = {
        "award_index": expected_award_index,
        "llm_raw_response": response_text, # Store the raw input string
        "llm_episode_match_raw": None,
        "validated_episode_title": None,
        "validated_episode_season": None,
        "validated_episode_number": None,
        "llm_season_match_raw": "Unknown",
        "award_scope": "Unknown",
        "match_confidence": 0.0,
        "parse_error": None,
        "api_error_type": None # Store error type if response_text was an error JSON
    }

    try:
        llm_data = json.loads(response_text.strip())

        if not isinstance(llm_data, dict):
            error_msg = "Invalid Format: LLM response was not a parsable JSON object."
            print(f"Warning (Award {expected_award_index}): {error_msg} Raw Response: {response_text}")
            parsed_result["parse_error"] = error_msg
            parsed_result["award_scope"] = "Error"
            parsed_result["llm_season_match_raw"] = "Error: Invalid JSON"
            return parsed_result

        # --- Check if the response_text ITSELF was an error JSON generated by call_openai_with_backoff ---
        if "api_error" in llm_data and llm_data.get("award_scope") == "Error":
            error_msg = f"API Error Detected: {llm_data.get('season_match', 'Unknown Error')}"
            print(f"Info (Award {expected_award_index}): Parsing API error response. {error_msg}")
            parsed_result["parse_error"] = error_msg
            parsed_result["api_error_type"] = llm_data.get("season_match", "Unknown Error Type") # Store the specific
            parsed_result["award_scope"] = "Error"
            parsed_result["llm_season_match_raw"] = llm_data.get("season_match", "Error") # Store error message here t
            parsed_result["match_confidence"] = llm_data.get("match_confidence", 0.0) # Usually 0.0 from error templat
            # Leave episode fields as None
            return parsed_result # Stop further parsing

        # --- If it's not an error JSON, proceed with parsing the actual LLM response ---

        # Award Index (Check for mismatch)
        award_index_llm = llm_data.get("award_index")
        if isinstance(award_index_llm, int) and award_index_llm != expected_award_index:
            print(f"Warning (Award {expected_award_index}): Mismatched award index in LLM response ({award_index_llm})
        elif not isinstance(award_index_llm, int):
            print(f"Warning (Award {expected_award_index}): Missing or invalid award_index in LLM response: {award_ind
            # Keep expected_award_index

        # Confidence
        confidence_llm = llm_data.get("match_confidence")
        try:
            # Handle potential None before float conversion
            if confidence_llm is None:
                print(f"Warning (Award {expected_award_index}): Missing confidence value. Setting to 0.0.")
                parsed_result["match_confidence"] = 0.0
```

```python
            else:
                confidence_val = float(confidence_llm)
                if math.isnan(confidence_val) or not (0.0 <= confidence_val <= 1.0):
                    print(f"Warning (Award {expected_award_index}): Confidence '{confidence_llm}' out of range/NaN. Cla
                    parsed_result["match_confidence"] = max(0.0, min(1.0, confidence_val)) if not math.isnan(confidence
                else:
                    parsed_result["match_confidence"] = confidence_val
        except (ValueError, TypeError):
            print(f"Warning (Award {expected_award_index}): Invalid confidence value type '{confidence_llm}'. Setting t
            parsed_result["match_confidence"] = 0.0

        # Award Scope
        scope_llm = llm_data.get("award_scope")
        allowed_scopes = ["episode-level", "season-level", "show-level", "outside-meta", "Unknown"]
        if isinstance(scope_llm, str) and scope_llm in allowed_scopes:
            parsed_result["award_scope"] = scope_llm
        else:
            print(f"Warning (Award {expected_award_index}): Invalid or missing award_scope '{scope_llm}'. Setting to 'U
            parsed_result["award_scope"] = "Unknown" # Default if missing/invalid

        # Season Match
        season_match_llm = llm_data.get("season_match") # Allow null from LLM
        valid_season_match = "Unknown" # Default
        if season_match_llm is None: # Explicitly allowed by prompt for episode match
            valid_season_match = None # Store as None if LLM returned null
        elif isinstance(season_match_llm, list):
            if all(isinstance(s, str) for s in season_match_llm): # List of strings
                valid_season_match = season_match_llm # Store the list
            else:
                print(f"Warning (Award {expected_award_index}): season_match list contains non-string elements: {season
                valid_season_match = "Unknown"
        elif isinstance(season_match_llm, str):
            if season_match_llm.lower() == "unknown":
                valid_season_match = "Unknown"
            elif season_match_llm.isdigit():
                valid_season_match = season_match_llm # Store the numeric string
            else: # Handle unexpected strings
                print(f"Warning (Award {expected_award_index}): Non-numeric/Unknown season_match string value '{season_
                valid_season_match = season_match_llm # Store as is, but maybe flag later?
        else: # Handle unexpected types (int, float etc.)
            print(f"Warning (Award {expected_award_index}): Unexpected type for season_match: {type(season_match_llm)}.
            valid_season_match = "Unknown"
        parsed_result["llm_season_match_raw"] = valid_season_match


        # Episode Match (Validation against lookup)
        episode_match_list_llm = llm_data.get("episode_match") # Should be list or null
        parsed_result["llm_episode_match_raw"] = episode_match_list_llm # Store raw value first

        if isinstance(episode_match_list_llm, list) and episode_match_list_llm:
            first_valid_match_found = False
            for ep_match_item in episode_match_list_llm:
                if isinstance(ep_match_item, dict):
                    llm_title = ep_match_item.get("title")
                    llm_season = ep_match_item.get("season")
                    llm_episode = ep_match_item.get("episode")

                    if isinstance(llm_title, str) and isinstance(llm_season, int) and isinstance(llm_episode, int):
                        llm_clean_title = llm_title.strip().lower().replace('"', '')
                        if episode_lookup and llm_clean_title in episode_lookup:
                            verified_ep_data = episode_lookup[llm_clean_title]
                            if verified_ep_data["season"] == llm_season and verified_ep_data["episode"] == llm_episode:
                                parsed_result["validated_episode_title"] = verified_ep_data["original_title"]
                                parsed_result["validated_episode_season"] = verified_ep_data["season"]
                                parsed_result["validated_episode_number"] = verified_ep_data["episode"]
                                print(f"Info (Award {expected_award_index}): Validated episode match: S{llm_season}E{ll
                                first_valid_match_found = True
                                break # Use first valid match
                            else:
                                print(f"Warning (Award {expected_award_index}): LLM S/E mismatch for title '{llm_title}
                        else:
                            print(f"Warning (Award {expected_award_index}): LLM matched title '{llm_title}' not found i
                    else:
                        print(f"Warning (Award {expected_award_index}): Invalid types in episode_match item: {ep_match_
                else:
                    print(f"Warning (Award {expected_award_index}): Invalid item format in episode_match list: {ep_matc

            if not first_valid_match_found:
                print(f"Info (Award {expected_award_index}): No verifiable episode match found in LLM response list: {
                # Keep validated fields as None

        # Handle case where episode_match is present but not a list (or null)
        elif episode_match_list_llm is not None:
            print(f"Warning (Award {expected_award_index}): Invalid format for episode_match: {episode_match_list_llm}
            # Keep validated fields as None, raw value is stored.


        # --- Final Return ---
        return parsed_result

except json.JSONDecodeError as e:
    error_msg = f"JSONDecodeError: {e}"
    print(f"Error decoding JSON for award {expected_award_index}: {error_msg}\nRaw Response: '''{response_text}'''"
```

```python
            parsed_result["parse_error"] = error_msg
            parsed_result["award_scope"] = "Error"
            parsed_result["llm_season_match_raw"] = "Error: JSONDecodeError"
            parsed_result["match_confidence"] = 0.0
            # llm_raw_response already contains the problematic text
            return parsed_result
    except Exception as e:
        error_msg = f"Parsing Exception: {type(e).__name__} - {e}"
        print(f"Unexpected error parsing response for award {expected_award_index}: {error_msg}\nRaw Response: '''{resp
        parsed_result["parse_error"] = error_msg
        parsed_result["award_scope"] = "Error"
        parsed_result["llm_season_match_raw"] = f"Error: Parsing Exception {type(e).__name__}"
        parsed_result["match_confidence"] = 0.0
        # llm_raw_response already contains the problematic text
        return parsed_result
```

In [ ]:
```python
# ---------------------------------------------------------------------
# Cell 2: Load Data and Helper Functions
# ---------------------------------------------------------------------

# --- Load and Prepare Data ---
print("Loading data...")
try:
    # Specify dtype for potentially problematic columns like 'year'
    dtype_spec = {'year': 'Int64'} # Use pandas nullable integer type

    episodes_df = pd.read_csv(EPISODE_FILE, dtype=dtype_spec)
    episodes_df.columns = episodes_df.columns.str.strip().str.lower() # Lowercase columns for consistency
    # Rename columns for clarity if needed (adjust based on your actual CSV)
    # episodes_df.rename(columns={'primarytitle': 'show', 'startyear': 'year'}, inplace=True) # Example rename

    episodes_df['air_date_dt'] = pd.to_datetime(episodes_df.get('air_date'), errors='coerce')
    episodes_df['season'] = pd.to_numeric(episodes_df.get('season'), errors='coerce')
    episodes_df['episode'] = pd.to_numeric(episodes_df.get('episode'), errors='coerce')
    # Ensure 'year' column exists and handle potential missing values before fillna
    if 'year' not in episodes_df.columns:
        raise KeyError("Column 'year' not found in episode file.")
    episodes_df['year'] = episodes_df['year'].astype('Int64') # Ensure nullable integer type

    episodes_df['clean_title'] = episodes_df.get('imdb_episode_title', pd.Series(dtype='str'))\
                                            .fillna('')\
                                            .astype(str)\
                                            .str.strip()\
                                            .str.lower()\
                                            .str.replace('"', '')

    print(f"Loaded {len(episodes_df)} episodes.")
    # print("Episode DF Info:\n", episodes_df.info())
    # print("Episode DF Head:\n", episodes_df.head())

except FileNotFoundError:
    print(f"Error: Episode file '{EPISODE_FILE}' not found.")
    raise
except KeyError as e:
     print(f"Error: Missing expected column in episode file: {e}")
     raise
except Exception as e:
    print(f"Error loading or processing episode file: {e}")
    raise

try:
    # Specify dtype for year column in awards too
    awards_df = pd.read_csv(AWARD_FILE, dtype={'year': 'Int64'})
    awards_df.columns = awards_df.columns.str.strip().str.lower() # Lowercase columns
    # Ensure 'year' column exists in awards_df
    if 'year' not in awards_df.columns:
        raise KeyError("Column 'year' not found in award file.")
    awards_df['year'] = awards_df['year'].astype('Int64') # Ensure nullable integer

    awards_df['award_index'] = awards_df.index.astype(int) # Use DataFrame index as unique ID
    # Fill NaN in text fields that will be used in the prompt
    for col in ['award_note', 'event_details', 'award_category', 'show']:
        if col in awards_df.columns:
            awards_df[col] = awards_df[col].fillna('').astype(str)
        else:
            print(f"Warning: Column '{col}' not found in awards file, creating empty column.")
            awards_df[col] = ''

    print(f"Loaded {len(awards_df)} awards.")
    # print("Awards DF Info:\n", awards_df.info())
    # print("Awards DF Head:\n", awards_df.head())

except FileNotFoundError:
    print(f"Error: Award file '{AWARD_FILE}' not found.")
    raise
except KeyError as e:
     print(f"Error: Missing expected column in award file: {e}")
     raise
except Exception as e:
    print(f"Error loading or processing award file: {e}")
```

```
        raise
print("Data loaded successfully.")
```

Loading data...
Loaded 25350 episodes.
Loaded 4066 awards.
Data loaded successfully.

```python
# --------------------------------------------------------------------
# Cell 3: Main Processing Loop
# --------------------------------------------------------------------
parsed_results_list = [] # Stores the dictionaries from parse_llm_response
raw_responses_dict = {} # Stores {award_index: raw_response_string}

start_index = 0 # Change this if you need to resume processing

# Define temporary file names
TEMP_CSV_FILE = f"temp_{OUTPUT_CSV_FILE}"
TEMP_JSON_FILE = f"temp_{OUTPUT_JSON_FILE}"

# --- Load existing intermediate files if resuming ---
if start_index > 0:
    print(f"Attempting to load intermediate results to resume from index {start_index}...")
    try:
        # Load parsed results (assumes temp CSV structure matches final)
        temp_parsed_df = pd.read_csv(TEMP_CSV_FILE)
        # Recreate list of dictionaries from the temp DataFrame
        # Be careful with NaN -> None conversion, especially for nested structures if any
        # Convert relevant columns back if needed (e.g., lists stored as strings)
        # For this structure, basic types should be okay, but llm_raw_response needs care
        temp_parsed_df = temp_parsed_df.where(pd.notnull(temp_parsed_df), None) # Convert pd.NA/np.nan to None
        parsed_results_list = temp_parsed_df.to_dict('records')
        print(f"Loaded {len(parsed_results_list)} parsed results from {TEMP_CSV_FILE}")

        # Load raw responses
        with open(TEMP_JSON_FILE, 'r', encoding='utf-8') as f:
            raw_responses_dict_str_keys = json.load(f)
            # Convert string keys back to integers
            raw_responses_dict = {int(k): v for k, v in raw_responses_dict_str_keys.items()}
        print(f"Loaded {len(raw_responses_dict)} raw responses from {TEMP_JSON_FILE}")

        # Verify start_index consistency (optional but recommended)
        processed_indices = {res['award_index'] for res in parsed_results_list}
        max_processed_index = max(processed_indices) if processed_indices else -1
        if start_index <= max_processed_index + 1:
            print(f"Resuming after last processed index {max_processed_index}.")
            start_index = max_processed_index + 1 # Ensure we start right after the last saved one
        else:
            print(f"Warning: start_index ({start_index}) seems beyond last saved index ({max_processed_index}). Resumi

    except FileNotFoundError:
        print(f"Warning: Intermediate files ({TEMP_CSV_FILE}, {TEMP_JSON_FILE}) not found. Starting from index {start_i
        parsed_results_list = [] # Ensure lists are empty if files not found
        raw_responses_dict = {}
    except Exception as e:
        print(f"Error loading intermediate files: {e}. Starting from scratch.")
        start_index = 0 # Force start from 0 on load error
        parsed_results_list = []
        raw_responses_dict = {}


print(f"Starting processing from award index {start_index}...")

# Ensure client is initialized before loop
if client is None:
    raise RuntimeError("OpenAI client failed to initialize. Cannot proceed.")

# Use tqdm for progress bar
for index, award_row in tqdm(awards_df.iloc[start_index:].iterrows(),
                            initial=start_index, # Correctly show progress when resuming
                            total=len(awards_df),
                            desc="Processing Awards"):
    # index here is the DataFrame index, use award_index from the column
    award_index = int(award_row['award_index'])
    show_name = award_row['show']
    show_year = award_row['year'] # Already Int64 or NA

    # Base structure for errors *before* API call
    # This goes into the parsed_results_list
    error_result_base = {
        "award_index": award_index,
        "llm_raw_response": None, # No raw response received yet
        "llm_episode_match_raw": None,
        "validated_episode_title": None,
        "validated_episode_season": None,
        "validated_episode_number": None,
        "llm_season_match_raw": "Error: Pre-API",
        "award_scope": "Error",
        "match_confidence": 0.0,
        "parse_error": "Pre-API Error",
        "api_error_type": None
    }
```

```python
        # --- Get Episode Data ---
        ep_list_str, episode_lookup, error_msg = get_episodes_for_show_with_details(episodes_df, show_name, show_year)

        if error_msg:
            print(f"Index {award_index}: Skipping - {error_msg}")
            error_result_base["llm_season_match_raw"] = f"Error: {error_msg}"
            error_result_base["parse_error"] = f"Episode Fetch Error: {error_msg}"
            parsed_results_list.append(error_result_base)
            # No raw response to add to raw_responses_dict
            continue

        if ep_list_str is None or episode_lookup is None: # Should be caught by error_msg, but safety check
            no_data_msg = f"No valid episode data retrieved for {show_name} ({show_year})"
            print(f"Index {award_index}: Skipping - {no_data_msg}")
            error_result_base["llm_season_match_raw"] = "Error: No Episode Data"
            error_result_base["parse_error"] = f"Episode Fetch Error: {no_data_msg}"
            parsed_results_list.append(error_result_base)
            continue

        if len(ep_list_str) > MAX_EP_LIST_CHARS:
            length_msg = f"Episode list too long ({len(ep_list_str)} chars) for {show_name} ({show_year})"
            print(f"Index {award_index}: Skipping - {length_msg}")
            error_result_base["llm_season_match_raw"] = "Error: Episode list too long"
            error_result_base["parse_error"] = f"Data Error: {length_msg}"
            parsed_results_list.append(error_result_base)
            continue

        # --- Build Prompt and Call OpenAI ---
        prompt = build_gpt_prompt(award_row, ep_list_str)
        raw_response_string = call_openai_with_backoff(prompt, award_index)

        # --- Store Raw Response ---
        raw_responses_dict[award_index] = raw_response_string

        # --- Parse the Response (Handles both success and error JSONs) ---
        parsed_result = parse_llm_response(raw_response_string, award_index, episode_lookup)
        parsed_results_list.append(parsed_result)

        # --- Delay ---
        time.sleep(0.5) # Be kind to the API

        # --- Save Progress Periodically ---
        # Check based on the number of *processed* items in this run
        items_processed_this_run = index - start_index + 1
        if items_processed_this_run > 0 and items_processed_this_run % SAVE_INTERVAL == 0:
            current_loop_index = index # DataFrame index of the last processed item

            print(f"\nSaving intermediate results at index {award_index} (Loop index: {current_loop_index})...")

            # --- Save Intermediate Parsed CSV ---
            try:
                temp_parsed_df = pd.DataFrame(parsed_results_list)
                # Ensure award_index type matches for merging
                current_awards_slice = awards_df.iloc[:current_loop_index + 1].copy() # Get all rows up to current
                current_awards_slice['award_index'] = current_awards_slice['award_index'].astype(int)
                temp_parsed_df['award_index'] = temp_parsed_df['award_index'].astype(int)

                temp_merged_df = pd.merge(
                    current_awards_slice,
                    temp_parsed_df,
                    on='award_index',
                    how='left' # Keep all awards processed so far
                )
                temp_merged_df.to_csv(TEMP_CSV_FILE, index=False, encoding='utf-8')
                print(f"Intermediate parsed results saved to {TEMP_CSV_FILE}")
            except Exception as e:
                print(f"Error saving intermediate parsed CSV: {e}")

            # --- Save Intermediate Raw JSON ---
            try:
                # No subset needed, just save the current state of raw_responses_dict
                with open(TEMP_JSON_FILE, 'w', encoding='utf-8') as f:
                    json.dump(raw_responses_dict, f, indent=4)
                print(f"Intermediate raw responses saved to {TEMP_JSON_FILE}")
            except Exception as e:
                print(f"Error saving intermediate raw JSON: {e}")
```

Starting processing from award index 0...
Processing Awards: 0%| | 1/4066 [00:02<2:31:53, 2.24s/it]
Info (Award 1): Validated episode match: S1E4 'And the Rich People Problems'
Processing Awards: 0%| | 3/4066 [00:07<2:36:07, 2.31s/it]
Warning (Award 3): LLM S/E mismatch for title '10:00 p.m.–11:00 p.m.'. LLM: S1E11. Lookup: S1E23. Trying next match.
Info (Award 3): No verifiable episode match found in LLM response list: [{'title': '10:00 p.m.–11:00 p.m.', 'season': 1, 'episode': 11}]
Processing Awards: 0%| | 6/4066 [00:15<2:47:33, 2.48s/it]
Warning (Award 6): LLM matched title 'Redemption' not found in episode lookup (Cleaned: 'redemption'). Trying next match.
Info (Award 6): No verifiable episode match found in LLM response list: [{'title': 'Redemption', 'season': 6, 'episode': 24}]
Processing Awards: 0%| | 7/4066 [00:17<2:42:33, 2.40s/it]
Info (Award 7): Validated episode match: S5E1 'Day 5: 7:00 a.m.–8:00 a.m.'
Processing Awards: 0%| | 8/4066 [00:19<2:41:45, 2.39s/it]

```
Info (Award 8): Validated episode match: S1E16 '3:00 p.m.-4:00 p.m.'
Processing Awards:   0%|            | 9/4066 [00:21<2:38:34,  2.35s/it]
Warning (Award 9): LLM S/E mismatch for title '4:00 a.m.-5:00 a.m.'. LLM: S8E13. Lookup: S1E5. Trying next match.
Info (Award 9): No verifiable episode match found in LLM response list: [{'title': '4:00 a.m.-5:00 a.m.', 'season': 8,
'episode': 13}]
Processing Awards:   1%|            | 25/4066 [00:55<2:27:16,  2.19s/it]
Info (Award 25): Validated episode match: S3E16 'Apollo, Apollo'
Processing Awards:   1%|            | 26/4066 [00:57<2:33:58,  2.29s/it]
Info (Award 26): Validated episode match: S3E5 'Reunion'
Processing Awards:   1%|            | 27/4066 [00:59<2:27:03,  2.18s/it]
Info (Award 27): Validated episode match: S7E12 'Hogcock!/Last Lunch'
Processing Awards:   1%|            | 29/4066 [01:03<2:18:13,  2.05s/it]
Info (Award 29): Validated episode match: S4E6 'Sun Tea'
Processing Awards:   1%|            | 30/4066 [01:05<2:18:08,  2.05s/it]
Info (Award 30): Validated episode match: S2E5 'Greenzo'
Processing Awards:   1%|            | 31/4066 [01:07<2:13:47,  1.99s/it]
Info (Award 31): Validated episode match: S4E9 'Klaus and Greta'
Processing Awards:   1%|            | 41/4066 [01:27<2:08:47,  1.92s/it]
Info (Award 41): Validated episode match: S7E12 'Hogcock!/Last Lunch'
Processing Awards:   1%|            | 50/4066 [01:44<2:00:15,  1.80s/it]
Saving intermediate results at index 49 (Loop index: 49)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:   1%||           | 55/4066 [01:55<2:16:51,  2.05s/it]
Info (Award 55): Validated episode match: S2E25 'A Nightmare on Dick Street: Part 1'
Processing Awards:   2%||           | 66/4066 [02:16<1:59:01,  1.79s/it]
Info (Award 66): Validated episode match: S5E7 'Sex and the Sally'
Processing Awards:   2%||           | 70/4066 [02:25<2:14:32,  2.02s/it]
Info (Award 70): Validated episode match: S3E23 'Dick and the Other Guy'
Processing Awards:   2%||           | 100/4066 [03:25<2:01:39,  1.84s/it]
Saving intermediate results at index 99 (Loop index: 99)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 100): Validated episode match: S7E20 'Bad Jubies'
Processing Awards:   3%||           | 105/4066 [03:34<2:00:56,  1.83s/it]
Info (Award 105): Validated episode match: S9E11 'Ketchup'
Processing Awards:   3%||           | 106/4066 [03:38<2:49:47,  2.57s/it]
Info (Award 106): Validated episode match: S8E23 'Islands Part 4: Imaginary Resources'
Processing Awards:   3%||           | 107/4066 [03:40<2:37:04,  2.38s/it]
Info (Award 107): Validated episode match: S8E11 'Daddy-Daughter Card Wars'
Processing Awards:   3%||           | 115/4066 [03:55<1:57:45,  1.79s/it]
Info (Award 115): Validated episode match: S3E1 'Car Wash'
Processing Awards:   3%||           | 121/4066 [04:06<1:54:23,  1.74s/it]
Info (Award 121): Validated episode match: S1E17 'Theme of Life'
Processing Awards:   3%||           | 126/4066 [04:18<2:20:57,  2.15s/it]
Info (Award 126): Validated episode match: S3E1 'Car Wash'
Processing Awards:   3%||           | 129/4066 [04:27<2:38:15,  2.41s/it]
Info (Award 129): Validated episode match: S2E22 'Love's Illusions'
Processing Awards:   3%||           | 130/4066 [04:29<2:30:41,  2.30s/it]
Info (Award 130): Validated episode match: S1E10 'Boy to the World'
Processing Awards:   3%||           | 132/4066 [04:33<2:16:21,  2.08s/it]
Info (Award 132): Validated episode match: S1E12 'Cro-Magnon'
Processing Awards:   3%||           | 133/4066 [04:35<2:15:41,  2.07s/it]
Info (Award 133): Validated episode match: S3E21 'Ally McBeal: The Musical, Almost'
Processing Awards:   3%||           | 139/4066 [04:46<2:04:16,  1.90s/it]
Info (Award 139): Validated episode match: S3E17 'I Will Survive'
Processing Awards:   4%||           | 143/4066 [04:53<1:55:48,  1.77s/it]
Warning (Award 143): LLM matched title 'Road Trip' not found in episode lookup (Cleaned: 'road trip'). Trying next match.
Info (Award 143): No verifiable episode match found in LLM response list: [{'title': 'Road Trip', 'season': 11, 'episode': 1}]
Processing Awards:   4%||           | 144/4066 [04:55<2:03:10,  1.88s/it]
Info (Award 144): Validated episode match: S7E1 'The Figgis Agency'
Processing Awards:   4%||           | 150/4066 [05:06<1:53:46,  1.74s/it]
Saving intermediate results at index 149 (Loop index: 149)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:   4%||           | 155/4066 [05:14<1:53:15,  1.74s/it]
Info (Award 155): Validated episode match: S7E7 'The Slabside Redemption'
Processing Awards:   4%||           | 164/4066 [05:33<2:09:02,  1.98s/it]
Warning (Award 164): LLM matched title 'Teddy Perkins' not found in episode lookup (Cleaned: 'teddy perkins'). Trying next match.
Info (Award 164): No verifiable episode match found in LLM response list: [{'title': 'Teddy Perkins', 'season': 2, 'episode': 6}]
Processing Awards:   4%||           | 167/4066 [05:38<1:51:45,  1.72s/it]
Info (Award 167): Validated episode match: S4E9 'Andrew Wyeth, Alfred's World'
Processing Awards:   4%||           | 168/4066 [05:40<1:56:07,  1.79s/it]
Info (Award 168): Validated episode match: S3E1 'Three Slaps'
Processing Awards:   4%||           | 170/4066 [05:45<2:12:39,  2.04s/it]
Warning (Award 170): LLM matched title 'Teddy Perkins' not found in episode lookup (Cleaned: 'teddy perkins'). Trying next match.
Info (Award 170): No verifiable episode match found in LLM response list: [{'title': 'Teddy Perkins', 'season': 2, 'episode': 6}]
Processing Awards:   4%||           | 171/4066 [05:47<2:22:40,  2.20s/it]
```

```
Warning (Award 171): LLM matched title 'Teddy Perkins' not found in episode lookup (Cleaned: 'teddy perkins'). Trying n
ext match.
Info (Award 171): No verifiable episode match found in LLM response list: [{'title': 'Teddy Perkins', 'season': 2, 'epi
sode': 6}]
Processing Awards:    4%|█          | 173/4066 [05:52<2:22:42,  2.20s/it]
Info (Award 173): Validated episode match: S1E7 'B.A.N.'
Processing Awards:    4%|█          | 177/4066 [05:58<1:52:34,  1.74s/it]
Info (Award 177): Validated episode match: S4E2 'The Homeliest Little Horse'
Processing Awards:    4%|█          | 178/4066 [06:01<2:11:39,  2.03s/it]
Warning (Award 178): LLM matched title 'Teddy Perkins' not found in episode lookup (Cleaned: 'teddy perkins'). Trying n
ext match.
Info (Award 178): No verifiable episode match found in LLM response list: [{'title': 'Teddy Perkins', 'season': 2, 'epi
sode': 6}]
Processing Awards:    4%|█          | 182/4066 [06:11<2:51:27,  2.65s/it]
Info (Award 182): Validated episode match: S3E1 'Three Slaps'
Processing Awards:    5%|█          | 193/4066 [06:35<2:00:23,  1.87s/it]
Warning (Award 193): LLM matched title 'Teddy Perkins' not found in episode lookup (Cleaned: 'teddy perkins'). Trying n
ext match.
Info (Award 193): No verifiable episode match found in LLM response list: [{'title': 'Teddy Perkins', 'season': 2, 'epi
sode': 6}]
Processing Awards:    5%|█          | 200/4066 [06:49<2:16:43,  2.12s/it]
Saving intermediate results at index 199 (Loop index: 199)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 200): Validated episode match: S4E10 'It Was All a Dream'
Processing Awards:    5%|█          | 202/4066 [06:53<2:07:57,  1.99s/it]
Info (Award 202): Validated episode match: S4E5 'tricky legacies'
Processing Awards:    5%|█          | 207/4066 [07:02<1:52:52,  1.76s/it]
Info (Award 207): Validated episode match: S2E5 'ronny/lily'
Processing Awards:    5%|█          | 208/4066 [07:04<2:01:27,  1.89s/it]
Info (Award 208): Validated episode match: S3E6 '710N'
Processing Awards:    5%|█          | 209/4066 [07:06<2:08:08,  1.99s/it]
Info (Award 209): Validated episode match: S2E5 'ronny/lily'
Processing Awards:    5%|█          | 210/4066 [07:08<2:01:49,  1.90s/it]
Info (Award 210): Validated episode match: S1E1 'Chapter One: Make Your Mark'
Processing Awards:    5%|█          | 213/4066 [07:13<1:53:00,  1.76s/it]
Info (Award 213): Validated episode match: S2E5 'ronny/lily'
Processing Awards:    5%|█          | 223/4066 [07:31<2:02:46,  1.92s/it]
Info (Award 223): Validated episode match: S4E7 'a nice meal'
Processing Awards:    6%|█          | 224/4066 [07:33<2:11:08,  2.05s/it]
Info (Award 224): Validated episode match: S3E8 'starting now'
Processing Awards:    6%|█          | 226/4066 [07:37<2:04:16,  1.94s/it]
Info (Award 226): Validated episode match: S3E6 '710N'
Processing Awards:    6%|█          | 244/4066 [08:13<1:53:44,  1.79s/it]
Info (Award 244): Validated episode match: S5E9 'Bad Choice Road'
Processing Awards:    6%|█          | 248/4066 [08:20<1:44:06,  1.64s/it]
Info (Award 248): Validated episode match: S6E13 'Saul Gone'
Processing Awards:    6%|█          | 250/4066 [08:24<1:54:32,  1.80s/it]
Saving intermediate results at index 249 (Loop index: 249)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:    6%|█          | 251/4066 [08:25<1:49:11,  1.72s/it]
Info (Award 251): Validated episode match: S6E6 'Axe and Grind'
Processing Awards:    6%|█          | 257/4066 [08:35<1:46:43,  1.68s/it]
Info (Award 257): Validated episode match: S6E7 'Plan and Execution'
Processing Awards:    7%|█          | 271/4066 [09:01<2:03:10,  1.95s/it]
Info (Award 271): Validated episode match: S6E9 'Fun and Games'
Processing Awards:    7%|█          | 272/4066 [09:03<2:06:58,  2.01s/it]
Info (Award 272): Validated episode match: S4E7 'Something Stupid'
Processing Awards:    7%|█          | 284/4066 [09:25<1:57:18,  1.86s/it]
Info (Award 284): Validated episode match: S6E10 'Nippy'
Processing Awards:    7%|█          | 287/4066 [09:31<1:52:33,  1.79s/it]
Info (Award 287): Validated episode match: S3E8 'Easter'
Processing Awards:    7%|█          | 299/4066 [09:57<1:53:27,  1.81s/it]
Info (Award 299): Validated episode match: S1E1 'Pilot'
Processing Awards:    7%|█          | 300/4066 [09:59<1:58:06,  1.88s/it]
Saving intermediate results at index 299 (Loop index: 299)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:    7%|█          | 304/4066 [10:08<2:03:02,  1.96s/it]
Info (Award 304): Validated episode match: S3E12 'Lemons'
Processing Awards:    8%|█          | 309/4066 [10:18<2:03:44,  1.98s/it]
Info (Award 309): Validated episode match: S8E12 'If a Black Man Cries in the Woods...'
Processing Awards:    8%|█          | 324/4066 [10:49<2:22:10,  2.28s/it]
Info (Award 324): Validated episode match: S4E1 'Juneteenth'
Processing Awards:    8%|█          | 329/4066 [10:58<1:54:07,  1.83s/it]
Info (Award 329): Validated episode match: S6E4 'With Friends Like These'
Processing Awards:    8%|█          | 330/4066 [11:00<1:56:15,  1.87s/it]
Info (Award 330): Validated episode match: S4E13 'Unfinished Business'
Processing Awards:    8%|█          | 332/4066 [11:03<1:51:47,  1.80s/it]
Info (Award 332): Validated episode match: S3E11 'Front Page News'
Processing Awards:    8%|█          | 333/4066 [11:08<2:40:25,  2.58s/it]
Info (Award 333): Validated episode match: S5E1 'Golden Days for Boys and Girls'
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Processing Awards:    8%|█          | 334/4066 [11:10<2:40:03,  2.57s/it]
Info (Award 334): Validated episode match: S2E1 '21'
Processing Awards:    8%|█          | 335/4066 [11:14<3:01:33,  2.92s/it]
Info (Award 335): Validated episode match: S1E7 'Home'
Processing Awards:    8%|█          | 336/4066 [11:20<4:00:52,  3.87s/it]
Info (Award 336): Validated episode match: S2E1 '21'
Processing Awards:    8%|█          | 338/4066 [11:24<2:59:54,  2.90s/it]
Info (Award 338): Validated episode match: S2E12 'To the Lost'
Processing Awards:    8%|█          | 339/4066 [11:26<2:48:29,  2.71s/it]
Info (Award 339): Validated episode match: S1E12 'A Return to Normalcy'
Processing Awards:    8%|█          | 343/4066 [11:33<2:03:47,  2.00s/it]
Info (Award 343): Validated episode match: S5E1 'Golden Days for Boys and Girls'
Processing Awards:    8%|█          | 344/4066 [11:36<2:20:33,  2.27s/it]
Info (Award 344): Validated episode match: S5E1 'Golden Days for Boys and Girls'
Processing Awards:    9%|█          | 347/4066 [11:43<2:23:20,  2.31s/it]
Info (Award 347): Validated episode match: S1E4 'Anastasia'
Processing Awards:    9%|█          | 350/4066 [11:48<1:55:28,  1.86s/it]
Saving intermediate results at index 349 (Loop index: 349)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:    9%|█          | 351/4066 [11:51<2:06:11,  2.04s/it]
Info (Award 351): Validated episode match: S2E1 '21'
Processing Awards:    9%|█          | 355/4066 [11:58<1:52:02,  1.81s/it]
Info (Award 355): Validated episode match: S3E8 'The Pony'
Processing Awards:    9%|█          | 356/4066 [12:00<1:54:44,  1.86s/it]
Info (Award 356): Validated episode match: S2E10 'Georgia Peaches'
Processing Awards:    9%|█          | 357/4066 [12:02<1:53:21,  1.83s/it]
Info (Award 357): Validated episode match: S2E5 'Gimcrack and Bunkum'
Processing Awards:    9%|█          | 358/4066 [12:04<2:06:03,  2.04s/it]
Info (Award 358): Validated episode match: S5E1 'Golden Days for Boys and Girls'
Processing Awards:    9%|█          | 359/4066 [12:07<2:21:21,  2.29s/it]
Info (Award 359): Validated episode match: S1E1 'Boardwalk Empire'
Processing Awards:    9%|█          | 369/4066 [12:27<1:51:08,  1.80s/it]
Info (Award 369): Validated episode match: S5E6 'The Tough Man in the Tender Chicken'
Processing Awards:    9%|█          | 370/4066 [12:29<1:56:17,  1.89s/it]
Info (Award 370): Validated episode match: S1E22 'The Woman in Limbo'
Processing Awards:    9%|█          | 371/4066 [12:31<2:05:07,  2.03s/it]
Info (Award 371): Validated episode match: S8E6 'The Patriot in Purgatory'
Processing Awards:    9%|█          | 373/4066 [12:37<2:29:04,  2.42s/it]
Info (Award 373): Validated episode match: S1E10 'Hired Guns'
Processing Awards:    9%|█          | 379/4066 [12:49<1:57:04,  1.91s/it]
Warning (Award 379): LLM matched title 'Do Tell' not found in episode lookup (Cleaned: 'do tell'). Trying next match.
Info (Award 379): No verifiable episode match found in LLM response list: [{'title': 'Do Tell', 'season': 1, 'episode':
17}]
Processing Awards:    9%|█          | 384/4066 [12:58<1:43:04,  1.68s/it]
Warning (Award 384): LLM matched title 'Smoke Signals' not found in episode lookup (Cleaned: 'smoke signals'). Trying n
ext match.
Info (Award 384): No verifiable episode match found in LLM response list: [{'title': 'Smoke Signals', 'season': 1, 'epi
sode': 17}]
Processing Awards:   10%|█          | 400/4066 [13:28<1:59:27,  1.96s/it]
Saving intermediate results at index 399 (Loop index: 399)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:   10%|█          | 402/4066 [13:32<1:58:29,  1.94s/it]
Info (Award 402): Validated episode match: S5E16 'Felina'
Processing Awards:   10%|█          | 403/4066 [13:34<1:58:39,  1.94s/it]
Info (Award 403): Validated episode match: S5E5 'Dead Freight'
Processing Awards:   10%|█          | 408/4066 [13:42<1:43:24,  1.70s/it]
Info (Award 408): Validated episode match: S5E16 'Felina'
Processing Awards:   10%|█          | 409/4066 [13:44<1:46:28,  1.75s/it]
Info (Award 409): Validated episode match: S5E4 'Fifty-One'
Processing Awards:   10%|█          | 422/4066 [14:13<2:35:18,  2.56s/it]
Info (Award 422): Validated episode match: S5E16 'Felina'
Processing Awards:   11%|█          | 436/4066 [14:41<1:40:55,  1.67s/it]
Info (Award 436): Validated episode match: S5E11 'Confessions'
Processing Awards:   11%|█          | 443/4066 [14:53<1:40:44,  1.67s/it]
Info (Award 443): Validated episode match: S1E6 'Crazy Handful of Nothin''
Processing Awards:   11%|█          | 446/4066 [14:59<1:47:01,  1.77s/it]
Info (Award 446): Validated episode match: S5E1 'Live Free or Die'
Processing Awards:   11%|█          | 448/4066 [15:03<1:48:33,  1.80s/it]
Info (Award 448): Validated episode match: S5E16 'Felina'
Processing Awards:   11%|█          | 449/4066 [15:06<2:17:00,  2.27s/it]
Info (Award 449): Validated episode match: S5E5 'Dead Freight'
Processing Awards:   11%|█          | 450/4066 [15:08<2:20:45,  2.34s/it]
Saving intermediate results at index 449 (Loop index: 449)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:   11%|█          | 461/4066 [15:29<1:40:34,  1.67s/it]
Info (Award 461): Validated episode match: S5E14 'Ozymandias'
Processing Awards:   11%|█          | 462/4066 [15:31<1:47:29,  1.79s/it]
Info (Award 462): Validated episode match: S5E14 'Ozymandias'
Processing Awards:   12%|█          | 473/4066 [15:53<1:52:39,  1.88s/it]
Info (Award 473): Validated episode match: S4E4 'Mushrooms'
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Processing Awards:  12%|█         | 476/4066 [15:58<1:38:23,  1.64s/it]
Info (Award 476): Validated episode match: S1E1 'Patriarchy'
Processing Awards:  12%|█         | 499/4066 [16:39<1:56:49,  1.97s/it]
Info (Award 499): Validated episode match: S3E8 'Lovers Walk'
Processing Awards:  12%|█         | 500/4066 [16:42<2:05:46,  2.12s/it]
Saving intermediate results at index 499 (Loop index: 499)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  12%|█         | 501/4066 [16:43<2:00:33,  2.03s/it]
Info (Award 501): Validated episode match: S7E7 'Conversations with Dead People'
Processing Awards:  12%|█         | 504/4066 [16:49<1:58:24,  1.99s/it]
Info (Award 504): Validated episode match: S6E7 'Once More, with Feeling'
Processing Awards:  13%|█         | 509/4066 [16:59<1:48:56,  1.84s/it]
Info (Award 509): Validated episode match: S6E7 'Once More, with Feeling'
Processing Awards:  13%|█         | 516/4066 [17:13<2:02:37,  2.07s/it]
Info (Award 516): Validated episode match: S7E22 'Chosen'
Processing Awards:  13%|█         | 523/4066 [17:25<1:43:15,  1.75s/it]
Info (Award 523): Validated episode match: S8E17 'For Gedda'
Processing Awards:  13%|█         | 524/4066 [17:27<1:50:25,  1.87s/it]
Info (Award 524): Validated episode match: S5E11 'Who Shot Sherlock?'
Processing Awards:  13%|█         | 525/4066 [17:29<1:54:04,  1.93s/it]
Info (Award 525): Validated episode match: S5E2 'Down the Drain'
Processing Awards:  13%|█         | 526/4066 [17:32<2:01:33,  2.06s/it]
Info (Award 526): Validated episode match: S2E22 'Cross-Jurisdictions'
Processing Awards:  13%|█         | 536/4066 [17:50<1:52:08,  1.91s/it]
Info (Award 536): Validated episode match: S7E24 'Living Doll'
Processing Awards:  13%|█         | 537/4066 [17:54<2:19:56,  2.38s/it]
Info (Award 537): Validated episode match: S10E1 'Family Affair'
Processing Awards:  13%|█         | 538/4066 [17:56<2:15:55,  2.31s/it]
Info (Award 538): Validated episode match: S10E1 'Family Affair'
Processing Awards:  13%|█         | 539/4066 [17:59<2:26:37,  2.49s/it]
Info (Award 539): Validated episode match: S11E8 'Fracked'
Processing Awards:  13%|█         | 540/4066 [18:01<2:20:59,  2.40s/it]
Info (Award 540): Validated episode match: S5E14 'Unbearable'
Processing Awards:  14%|█         | 550/4066 [18:21<1:47:28,  1.83s/it]
Saving intermediate results at index 549 (Loop index: 549)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  14%|█         | 555/4066 [18:30<1:42:41,  1.75s/it]
Info (Award 555): Validated episode match: S11E1 'Shock Waves'
Processing Awards:  14%|█         | 559/4066 [18:37<1:48:31,  1.86s/it]
Info (Award 559): Validated episode match: S8E9 'Cockroaches'
Processing Awards:  14%|█         | 560/4066 [18:39<1:54:44,  1.96s/it]
Info (Award 560): Validated episode match: S7E1 'Built to Kill: Part 1'
Processing Awards:  14%|█         | 561/4066 [18:43<2:23:00,  2.45s/it]
Info (Award 561): Validated episode match: S7E24 'Living Doll'
Processing Awards:  14%|█         | 578/4066 [19:20<1:51:13,  1.91s/it]
Info (Award 578): Validated episode match: S5E20 'Rush'
Processing Awards:  14%|█         | 579/4066 [19:22<1:53:33,  1.95s/it]
Info (Award 579): Validated episode match: S1E17 'Simple Man'
Processing Awards:  15%|█         | 600/4066 [20:00<1:44:42,  1.81s/it]
Saving intermediate results at index 599 (Loop index: 599)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  15%|█         | 610/4066 [20:19<1:49:55,  1.91s/it]
Info (Award 610): Validated episode match: S4E9 'Kill Shot'
Processing Awards:  15%|█         | 615/4066 [20:28<1:40:45,  1.75s/it]
Info (Award 615): Validated episode match: S5E16 'Hunt'
Processing Awards:  15%|█         | 625/4066 [20:54<3:05:59,  3.24s/it]
Info (Award 625): Validated episode match: S9E12 'Woody Interruptus'
Processing Awards:  15%|█         | 626/4066 [20:56<2:51:51,  3.00s/it]
Info (Award 626): Validated episode match: S11E25 'One for the Road'
Processing Awards:  15%|█         | 630/4066 [21:03<1:56:50,  2.04s/it]
Info (Award 630): Validated episode match: S9E24 'Rat Girl'
Processing Awards:  16%|█         | 642/4066 [21:25<1:37:00,  1.70s/it]
Info (Award 642): Validated episode match: S1E3 'Professional Courtesy'
Processing Awards:  16%|█         | 650/4066 [21:38<1:35:12,  1.67s/it]
Saving intermediate results at index 649 (Loop index: 649)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  16%|█         | 664/4066 [22:05<1:46:11,  1.87s/it]
Info (Award 664): Validated episode match: S2E22 'Best Friends'
Processing Awards:  16%|█         | 669/4066 [22:13<1:34:09,  1.66s/it]
Info (Award 669): Validated episode match: S2E11 'Abed's Uncontrollable Christmas'
Processing Awards:  17%|█         | 677/4066 [22:27<1:34:54,  1.68s/it]
Info (Award 677): Validated episode match: S3E4 'Remedial Chaos Theory'
Processing Awards:  17%|█         | 690/4066 [22:52<1:41:20,  1.80s/it]
Info (Award 690): Validated episode match: S9E9 'Strange Fruit'
Processing Awards:  17%|█         | 700/4066 [23:10<1:47:11,  1.91s/it]
Saving intermediate results at index 699 (Loop index: 699)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
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Processing Awards:  17%|■          | 706/4066 [23:20<1:31:37,  1.64s/it]
Info (Award 706): Validated episode match: S1E1 'Virgin, Mother, Crone'
Processing Awards:  18%|■          | 726/4066 [23:58<1:30:26,  1.62s/it]
Info (Award 726): Validated episode match: S2E1 'A Lie Agreed Upon: Part I'
Processing Awards:  18%|■          | 728/4066 [24:02<1:34:51,  1.71s/it]
Info (Award 728): Validated episode match: S2E1 'A Lie Agreed Upon: Part I'
Processing Awards:  18%|■          | 731/4066 [24:11<2:07:44,  2.30s/it]
Info (Award 731): Validated episode match: S3E2 'I Am Not the Fine Man You Take Me For'
Processing Awards:  18%|■          | 732/4066 [24:13<2:05:11,  2.25s/it]
Info (Award 732): Validated episode match: S2E4 'Requiem for a Gleet'
Processing Awards:  18%|■          | 733/4066 [24:16<2:11:33,  2.37s/it]
Info (Award 733): Validated episode match: S2E5 'Complications'
Processing Awards:  18%|■          | 734/4066 [24:17<1:59:48,  2.16s/it]
Info (Award 734): Validated episode match: S2E12 'Boy-the-Earth-Talks-To'
Processing Awards:  18%|■          | 735/4066 [24:20<2:02:06,  2.20s/it]
Info (Award 735): Validated episode match: S2E12 'Boy-the-Earth-Talks-To'
Processing Awards:  18%|■          | 736/4066 [24:21<1:55:25,  2.08s/it]
Info (Award 736): Validated episode match: S2E1 'A Lie Agreed Upon: Part I'
Processing Awards:  18%|■          | 738/4066 [24:25<1:44:43,  1.89s/it]
Info (Award 738): Validated episode match: S1E1 'Deadwood'
Processing Awards:  18%|■          | 746/4066 [24:39<1:36:20,  1.74s/it]
Info (Award 746): Validated episode match: S2E4 'Requiem for a Gleet'
Processing Awards:  18%|■          | 750/4066 [24:46<1:37:24,  1.76s/it]
Saving intermediate results at index 749 (Loop index: 749)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  19%|■          | 755/4066 [24:54<1:33:28,  1.69s/it]
Info (Award 755): Validated episode match: S4E11 'They Shoot Fat Women, Don't They?'
Processing Awards:  19%|■          | 759/4066 [25:02<1:42:31,  1.86s/it]
Info (Award 759): Validated episode match: S1E1 'Pilot'
Processing Awards:  19%|■          | 763/4066 [25:09<1:41:00,  1.83s/it]
Info (Award 763): Validated episode match: S1E1 'Pilot'
Processing Awards:  19%|■          | 779/4066 [25:38<1:36:05,  1.75s/it]
Info (Award 779): Validated episode match: S1E2 'Ah, But Underneath'
Processing Awards:  20%|■          | 795/4066 [26:08<1:44:27,  1.92s/it]
Info (Award 795): Validated episode match: S4E2 'Remains to Be Seen'
Processing Awards:  20%|■          | 800/4066 [26:17<1:40:26,  1.85s/it]
Saving intermediate results at index 799 (Loop index: 799)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  20%|■          | 823/4066 [26:57<1:26:15,  1.60s/it]
Info (Award 823): Validated episode match: S1E1 'Pilot'
Processing Awards:  20%|■          | 825/4066 [27:01<1:27:11,  1.61s/it]
Info (Award 825): Validated episode match: S2E1 'Ringing Up Baby'
Processing Awards:  20%|■          | 826/4066 [27:03<1:32:37,  1.72s/it]
Warning (Award 826): LLM matched title 'A Fish Tale' not found in episode lookup (Cleaned: 'a fish tale'). Trying next
match.
Info (Award 826): No verifiable episode match found in LLM response list: [{'title': 'A Fish Tale', 'season': 5, 'episo
de': 4}]
Processing Awards:  20%|■          | 831/4066 [27:11<1:28:55,  1.65s/it]
Info (Award 831): Validated episode match: S4E3 'Doogie Got a Gun'
Processing Awards:  20%|■          | 832/4066 [27:13<1:35:07,  1.76s/it]
Info (Award 832): Validated episode match: S3E6 'Lonesome Doog'
Processing Awards:  20%|■          | 833/4066 [27:15<1:34:39,  1.76s/it]
Info (Award 833): Validated episode match: S2E1 'Doogenstein'
Processing Awards:  21%|■          | 840/4066 [27:32<1:51:59,  2.08s/it]
Info (Award 840): Validated episode match: S3E15 'The Long Way Around'
Processing Awards:  21%|■          | 841/4066 [27:34<1:49:11,  2.03s/it]
Info (Award 841): Validated episode match: S1E19 'Love's Labor Lost'
Processing Awards:  21%|■          | 842/4066 [27:36<1:53:38,  2.11s/it]
Info (Award 842): Validated episode match: S1E2 'Day One'
Processing Awards:  21%|■          | 843/4066 [27:39<2:06:42,  2.36s/it]
Info (Award 843): Validated episode match: S1E2 'Day One'
Processing Awards:  21%|■          | 850/4066 [27:52<1:42:31,  1.91s/it]
Saving intermediate results at index 849 (Loop index: 849)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  21%|■          | 857/4066 [28:10<2:04:35,  2.33s/it]
Info (Award 857): Validated episode match: S2E7 'Hell and High Water'
Processing Awards:  21%|■          | 858/4066 [28:13<2:11:42,  2.46s/it]
Info (Award 858): Validated episode match: S3E6 'Fear of Flying'
Processing Awards:  21%|■          | 859/4066 [28:15<2:03:13,  2.31s/it]
Info (Award 859): Validated episode match: S15E22 'And in the End...'
Processing Awards:  21%|■          | 860/4066 [28:17<1:57:25,  2.20s/it]
Info (Award 860): Validated episode match: S4E19 'Shades of Gray'
Processing Awards:  21%|■          | 861/4066 [28:19<1:55:01,  2.15s/it]
Info (Award 861): Validated episode match: S12E20 'There Are No Angels Here'
Processing Awards:  21%|■          | 873/4066 [28:41<1:41:52,  1.91s/it]
Info (Award 873): Validated episode match: S1E2 'Day One'
Processing Awards:  22%|■          | 878/4066 [28:51<1:41:51,  1.92s/it]
Info (Award 878): Validated episode match: S1E1 '24 Hours'
Processing Awards:  22%|■          | 881/4066 [28:56<1:33:29,  1.76s/it]
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Info (Award 881): Validated episode match: S13E9 'Scoop and Run'
Processing Awards:  22%|█        | 885/4066 [29:04<1:39:11,  1.87s/it]
Info (Award 885): Validated episode match: S1E19 'Love's Labor Lost'
Processing Awards:  22%|█        | 890/4066 [29:15<2:01:30,  2.30s/it]
Info (Award 890): Validated episode match: S1E19 'Snow Angels'
Processing Awards:  22%|█        | 891/4066 [29:17<1:55:50,  2.19s/it]
Info (Award 891): Validated episode match: S3E9 'The Eternity Injection'
Processing Awards:  22%|█        | 900/4066 [29:33<1:25:48,  1.63s/it]
Saving intermediate results at index 899 (Loop index: 899)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  22%|█        | 904/4066 [29:40<1:30:10,  1.71s/it]
Info (Award 904): Validated episode match: S1E11 'Die but Once'
Processing Awards:  23%|█        | 931/4066 [30:28<1:41:55,  1.95s/it]
Info (Award 931): Validated episode match: S5E9 'Pie'
Processing Awards:  23%|█        | 934/4066 [30:34<1:42:05,  1.96s/it]
Info (Award 934): Validated episode match: S3E2 'One Day in the Valley'
Processing Awards:  23%|█        | 942/4066 [30:48<1:32:21,  1.77s/it]
Info (Award 942): Validated episode match: S2E5 'Stand Still Like the Hummingbird'
Processing Awards:  23%|█        | 944/4066 [30:53<1:41:34,  1.95s/it]
Info (Award 944): Validated episode match: S2E7 'The Theater and Its Double'
Processing Awards:  23%|█        | 945/4066 [30:55<1:39:56,  1.92s/it]
Info (Award 945): Validated episode match: S2E3 'Ruminations: Big and Little Bullys'
Processing Awards:  23%|█        | 946/4066 [30:57<1:41:25,  1.95s/it]
Info (Award 946): Validated episode match: S2E7 'The Theater and Its Double'
Processing Awards:  23%|█        | 948/4066 [31:00<1:37:09,  1.87s/it]
Info (Award 948): Validated episode match: S2E7 'The Theater and Its Double'
Processing Awards:  23%|█        | 950/4066 [31:03<1:26:31,  1.67s/it]
Saving intermediate results at index 949 (Loop index: 949)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 950): Validated episode match: S1E8 'And Salt the Earth Behind You'
Processing Awards:  23%|█        | 951/4066 [31:05<1:31:01,  1.75s/it]
Info (Award 951): Validated episode match: S1E8 'And Salt the Earth Behind You'
Processing Awards:  24%|█        | 985/4066 [32:02<1:25:32,  1.67s/it]
Info (Award 985): Validated episode match: S5E14 'Ray's Journal'
Processing Awards:  24%|█        | 995/4066 [32:19<1:23:15,  1.63s/it]
Info (Award 995): Validated episode match: S5E2 'Italy: Part 2'
Processing Awards:  25%|█        | 1000/4066 [32:29<1:43:18,  2.02s/it]
Saving intermediate results at index 999 (Loop index: 999)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  25%|█        | 1006/4066 [32:39<1:35:20,  1.87s/it]
Info (Award 1006): Validated episode match: S6E1 'Blue Harvest'
Processing Awards:  25%|█        | 1007/4066 [32:42<1:52:00,  2.20s/it]
Info (Award 1007): Validated episode match: S5E16 'No Chris Left Behind'
Processing Awards:  25%|█        | 1008/4066 [32:44<1:46:26,  2.09s/it]
Info (Award 1008): Validated episode match: S4E1 'North by North Quahog'
Processing Awards:  25%|█        | 1009/4066 [32:47<1:56:41,  2.29s/it]
Info (Award 1009): Validated episode match: S4E7 'Brian the Bachelor'
Processing Awards:  25%|█        | 1011/4066 [32:51<1:46:19,  2.09s/it]
Info (Award 1011): Validated episode match: S17E8 'Con Heiress'
Processing Awards:  25%|█        | 1012/4066 [32:53<1:48:45,  2.14s/it]
Info (Award 1012): Validated episode match: S8E8 'Dog Gone'
Processing Awards:  25%|█        | 1013/4066 [32:55<1:49:44,  2.16s/it]
Info (Award 1013): Validated episode match: S8E20 'Something, Something, Something, Dark Side'
Processing Awards:  25%|█        | 1014/4066 [32:58<2:01:04,  2.38s/it]
Info (Award 1014): Validated episode match: S4E3 'Blind Ambition'
Processing Awards:  25%|█        | 1021/4066 [33:10<1:22:40,  1.63s/it]
Warning (Award 1021): LLM matched title 'Dr. Urkel and Mr. Cool' not found in episode lookup (Cleaned: 'dr. urkel and m
r. cool'). Trying next match.
Info (Award 1021): No verifiable episode match found in LLM response list: [{'title': 'Dr. Urkel and Mr. Cool', 'seaso
n': 5, 'episode': 7}]
Processing Awards:  25%|█        | 1034/4066 [33:32<1:15:39,  1.50s/it]
Warning (Award 1034): LLM matched title 'My Name is Alex' not found in episode lookup (Cleaned: 'my name is alex'). Try
ing next match.
Info (Award 1034): No verifiable episode match found in LLM response list: [{'title': 'My Name is Alex', 'season': 7,
'episode': 25}]
Processing Awards:  26%|█        | 1041/4066 [33:43<1:24:43,  1.68s/it]
Warning (Award 1041): LLM matched title ''A,' My Name is Alex' not found in episode lookup (Cleaned: ''a,' my name is a
lex'). Trying next match.
Info (Award 1041): No verifiable episode match found in LLM response list: [{'title': "'A,' My Name is Alex", 'season':
7, 'episode': 25}]
Processing Awards:  26%|█        | 1050/4066 [34:00<1:37:53,  1.95s/it]
Saving intermediate results at index 1049 (Loop index: 1049)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  26%|█        | 1053/4066 [34:07<1:52:29,  2.24s/it]
Info (Award 1053): Validated episode match: S3E8 'Who Rules the Land of Denial?'
Processing Awards:  26%|█        | 1056/4066 [34:13<1:37:08,  1.94s/it]
Info (Award 1056): Validated episode match: S2E1 'Waiting for Dutch'
Processing Awards:  26%|█        | 1059/4066 [34:18<1:27:57,  1.76s/it]
Info (Award 1059): Validated episode match: S2E5 'The Gift of the Magi'
Processing Awards:  26%|█        | 1060/4066 [34:20<1:29:31,  1.79s/it]
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Info (Award 1060): Validated episode match: S3E10 'Somebody to Love'
Processing Awards:  26%|█            | 1064/4066 [34:27<1:26:42,  1.73s/it]
Info (Award 1064): Validated episode match: S1E1 'The Crocodile's Dilemma'
Processing Awards:  26%|█            | 1073/4066 [34:45<1:55:27,  2.31s/it]
Info (Award 1073): Validated episode match: S3E9 'Aporia'
Processing Awards:  27%|█            | 1081/4066 [35:00<1:27:45,  1.76s/it]
Info (Award 1081): Validated episode match: S2E4 'Fear and Trembling'
Processing Awards:  27%|█            | 1089/4066 [35:15<1:29:21,  1.80s/it]
Info (Award 1089): Validated episode match: S1E8 'Bad Guy'
Processing Awards:  27%|█            | 1090/4066 [35:17<1:26:59,  1.75s/it]
Info (Award 1090): Validated episode match: S6E14 'Three Valentines'
Processing Awards:  27%|█            | 1091/4066 [35:19<1:35:17,  1.92s/it]
Info (Award 1091): Validated episode match: S5E15 'Room Service'
Processing Awards:  27%|█            | 1092/4066 [35:21<1:37:42,  1.97s/it]
Info (Award 1092): Validated episode match: S5E9 'Perspectives on Christmas'
Processing Awards:  27%|█            | 1100/4066 [35:37<1:39:04,  2.00s/it]
Saving intermediate results at index 1099 (Loop index: 1099)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 1100): Validated episode match: S11E14 'Freudian Sleep'
Processing Awards:  27%|█            | 1101/4066 [35:40<1:43:07,  2.09s/it]
Info (Award 1101): Validated episode match: S11E23 'Goodnight, Seattle: Part 1'
Processing Awards:  27%|█            | 1104/4066 [35:45<1:37:45,  1.98s/it]
Info (Award 1104): Validated episode match: S2E3 'The Matchmaker'
Processing Awards:  27%|█            | 1106/4066 [35:49<1:38:41,  2.00s/it]
Info (Award 1106): Validated episode match: S7E16 'Something About Dr. Mary'
Processing Awards:  27%|█            | 1107/4066 [35:52<1:49:34,  2.22s/it]
Info (Award 1107): Validated episode match: S2E20 'Breaking the Ice'
Processing Awards:  27%|█            | 1114/4066 [36:04<1:21:55,  1.67s/it]
Info (Award 1114): Validated episode match: S11E1 'No Sex Please, We're Skittish'
Processing Awards:  27%|█            | 1115/4066 [36:06<1:27:59,  1.79s/it]
Info (Award 1115): Validated episode match: S10E8 'Rooms with a View'
Processing Awards:  27%|█            | 1116/4066 [36:08<1:28:12,  1.79s/it]
Info (Award 1116): Validated episode match: S7E23 'Something Borrowed, Someone Blue: Part 1'
Processing Awards:  27%|█            | 1117/4066 [36:11<1:39:32,  2.03s/it]
Info (Award 1117): Validated episode match: S6E10 'Merry Christmas, Mrs. Moskowitz'
Processing Awards:  28%|█            | 1120/4066 [36:16<1:29:27,  1.82s/it]
Info (Award 1120): Validated episode match: S1E1 'Pilot'
Processing Awards:  28%|█            | 1122/4066 [36:20<1:30:33,  1.85s/it]
Info (Award 1122): Validated episode match: S5E13 'Always'
Processing Awards:  28%|█            | 1125/4066 [36:27<1:40:17,  2.05s/it]
Info (Award 1125): Validated episode match: S5E13 'Always'
Processing Awards:  28%|█            | 1126/4066 [36:29<1:44:54,  2.14s/it]
Info (Award 1126): Validated episode match: S3E13 'Tomorrow Blues'
Processing Awards:  28%|█            | 1127/4066 [36:31<1:44:54,  2.14s/it]
Info (Award 1127): Validated episode match: S2E3 'Are You Ready for Friday Night?'
Processing Awards:  28%|█            | 1150/4066 [37:11<1:25:07,  1.75s/it]
Saving intermediate results at index 1149 (Loop index: 1149)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  29%|█            | 1171/4066 [37:48<1:22:08,  1.70s/it]
Info (Award 1171): Validated episode match: S5E14 'The One Where Everybody Finds Out'
Processing Awards:  29%|█            | 1188/4066 [38:23<1:28:04,  1.84s/it]
Warning (Award 1188): LLM matched title 'Murder on the Planet Express' not found in episode lookup (Cleaned: 'murder on
the planet express'). Trying next match.
Info (Award 1188): No verifiable episode match found in LLM response list: [{'title': 'Murder on the Planet Express',
'season': 6, 'episode': 10}]
Processing Awards:  29%|█            | 1190/4066 [38:27<1:32:20,  1.93s/it]
Info (Award 1190): Validated episode match: S4E1 'Roswell That Ends Well'
Processing Awards:  29%|█            | 1191/4066 [38:30<1:44:21,  2.18s/it]
Info (Award 1191): Validated episode match: S3E10 'The Luck of the Fryrish'
Processing Awards:  29%|█            | 1192/4066 [38:32<1:39:27,  2.08s/it]
Info (Award 1192): Validated episode match: S3E6 'Bendless Love'
Processing Awards:  29%|█            | 1193/4066 [38:34<1:38:57,  2.07s/it]
Info (Award 1193): Validated episode match: S2E9 'Why Must I Be a Crustacean in Love?'
Processing Awards:  29%|█            | 1194/4066 [38:38<2:06:30,  2.64s/it]
Warning (Award 1194): LLM matched title 'The Silence of the Clamps' not found in episode lookup (Cleaned: 'the silence
of the clamps'). Trying next match.
Info (Award 1194): No verifiable episode match found in LLM response list: [{'title': 'The Silence of the Clamps', 'sea
son': 6, 'episode': 12}]
Processing Awards:  29%|█            | 1195/4066 [38:40<1:56:31,  2.44s/it]
Info (Award 1195): Validated episode match: S7E11 'Lrrreconcilable Ndndifferences'
Processing Awards:  29%|█            | 1196/4066 [38:42<1:51:03,  2.32s/it]
Info (Award 1196): Validated episode match: S7E13 'The Futurama Holiday Spectacular'
Processing Awards:  29%|█            | 1197/4066 [38:44<1:44:09,  2.18s/it]
Warning (Award 1197): LLM matched title 'The Problem with Popplers' not found in episode lookup (Cleaned: 'the problem
with popplers'). Trying next match.
Info (Award 1197): No verifiable episode match found in LLM response list: [{'title': 'The Problem with Popplers', 'sea
son': 2, 'episode': 15}]
Processing Awards:  30%|█            | 1200/4066 [38:49<1:31:14,  1.91s/it]
Saving intermediate results at index 1199 (Loop index: 1199)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
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Processing Awards:  30%|█           | 1207/4066 [39:02<1:44:07,  2.19s/it]
Info (Award 1207): Validated episode match: S8E3 'The Long Night'
Processing Awards:  30%|█           | 1208/4066 [39:06<1:58:18,  2.48s/it]
Info (Award 1208): Validated episode match: S6E9 'Battle of the Bastards'
Processing Awards:  30%|█           | 1209/4066 [39:08<1:54:57,  2.41s/it]
Info (Award 1209): Validated episode match: S6E9 'Battle of the Bastards'
Processing Awards:  30%|█           | 1215/4066 [39:18<1:22:46,  1.74s/it]
Info (Award 1215): Validated episode match: S5E9 'The Dance of Dragons'
Processing Awards:  30%|█           | 1218/4066 [39:23<1:18:49,  1.66s/it]
Info (Award 1218): Validated episode match: S8E5 'The Bells'
Processing Awards:  30%|█           | 1219/4066 [39:25<1:21:25,  1.72s/it]
Info (Award 1219): Validated episode match: S7E6 'Beyond the Wall'
Processing Awards:  30%|█           | 1220/4066 [39:27<1:26:01,  1.81s/it]
Info (Award 1220): Validated episode match: S6E9 'Battle of the Bastards'
Processing Awards:  30%|█           | 1221/4066 [39:30<1:40:46,  2.13s/it]
Info (Award 1221): Validated episode match: S5E8 'Hardhome'
Processing Awards:  30%|█           | 1222/4066 [39:31<1:34:52,  2.00s/it]
Info (Award 1222): Validated episode match: S4E10 'The Children'
Processing Awards:  30%|█           | 1223/4066 [39:33<1:28:50,  1.88s/it]
Info (Award 1223): Validated episode match: S8E6 'The Iron Throne'
Processing Awards:  30%|█           | 1233/4066 [39:49<1:17:25,  1.64s/it]
Info (Award 1233): Validated episode match: S3E9 'The Rains of Castamere'
Processing Awards:  30%|█           | 1234/4066 [39:51<1:21:01,  1.72s/it]
Info (Award 1234): Validated episode match: S2E9 'Blackwater'
Processing Awards:  30%|█           | 1237/4066 [39:56<1:24:56,  1.80s/it]
Info (Award 1237): Validated episode match: S8E3 'The Long Night'
Processing Awards:  30%|█           | 1238/4066 [39:58<1:29:01,  1.89s/it]
Info (Award 1238): Validated episode match: S7E4 'The Spoils of War'
Processing Awards:  31%|█           | 1246/4066 [40:12<1:18:15,  1.67s/it]
Info (Award 1246): Validated episode match: S7E1 'Dragonstone'
Processing Awards:  31%|█           | 1247/4066 [40:15<1:40:43,  2.14s/it]
Info (Award 1247): Validated episode match: S5E3 'High Sparrow'
Processing Awards:  31%|█           | 1248/4066 [40:19<2:00:44,  2.57s/it]
Info (Award 1248): Validated episode match: S4E6 'The Laws of Gods and Men'
Processing Awards:  31%|█           | 1250/4066 [40:23<1:53:51,  2.43s/it]
Saving intermediate results at index 1249 (Loop index: 1249)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  31%|█           | 1260/4066 [40:39<1:09:27,  1.49s/it]
Info (Award 1260): Validated episode match: S8E6 'The Iron Throne'
Processing Awards:  31%|█           | 1261/4066 [40:41<1:24:30,  1.81s/it]
Info (Award 1261): Validated episode match: S8E3 'The Long Night'
Processing Awards:  31%|█           | 1268/4066 [40:52<1:12:34,  1.56s/it]
Info (Award 1268): Validated episode match: S5E9 'The Dance of Dragons'
Processing Awards:  31%|█           | 1277/4066 [41:07<1:13:15,  1.58s/it]
Info (Award 1277): Validated episode match: S7E4 'The Spoils of War'
Processing Awards:  31%|█           | 1278/4066 [41:09<1:17:24,  1.67s/it]
Info (Award 1278): Validated episode match: S7E4 'The Spoils of War'
Processing Awards:  32%|█           | 1293/4066 [41:35<1:26:45,  1.88s/it]
Info (Award 1293): Validated episode match: S7E7 'The Dragon and the Wolf'
Processing Awards:  32%|█           | 1295/4066 [41:39<1:19:58,  1.73s/it]
Info (Award 1295): Validated episode match: S4E2 'The Lion and the Rose'
Processing Awards:  32%|█           | 1299/4066 [41:46<1:25:30,  1.85s/it]
Info (Award 1299): Validated episode match: S6E9 'Battle of the Bastards'
Processing Awards:  32%|█           | 1300/4066 [41:48<1:24:47,  1.84s/it]
Saving intermediate results at index 1299 (Loop index: 1299)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  32%|█           | 1302/4066 [41:52<1:34:22,  2.05s/it]
Info (Award 1302): Validated episode match: S8E3 'The Long Night'
Processing Awards:  32%|█           | 1307/4066 [42:01<1:20:02,  1.74s/it]
Info (Award 1307): Validated episode match: S7E4 'The Spoils of War'
Processing Awards:  32%|█           | 1308/4066 [42:03<1:32:17,  2.01s/it]
Info (Award 1308): Validated episode match: S6E9 'Battle of the Bastards'
Processing Awards:  33%|█           | 1328/4066 [42:35<1:15:21,  1.65s/it]
Info (Award 1328): Validated episode match: S8E1 'Winterfell'
Processing Awards:  33%|█           | 1329/4066 [42:37<1:13:43,  1.62s/it]
Info (Award 1329): Validated episode match: S8E5 'The Bells'
Processing Awards:  33%|█           | 1337/4066 [42:53<1:19:39,  1.75s/it]
Info (Award 1337): Validated episode match: S1E9 'Alberta's Fan'
Processing Awards:  33%|█           | 1342/4066 [43:02<1:14:29,  1.64s/it]
Info (Award 1342): Validated episode match: S4E7 'The Festival of Living Art'
Processing Awards:  33%|█           | 1350/4066 [43:16<1:16:18,  1.69s/it]
Saving intermediate results at index 1349 (Loop index: 1349)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  33%|█           | 1358/4066 [43:30<1:16:36,  1.70s/it]
Info (Award 1358): Validated episode match: S1E1 'Pilot'
Processing Awards:  34%|█           | 1365/4066 [43:41<1:12:29,  1.61s/it]
Info (Award 1365): Validated episode match: S1E1 'Pilot'
Processing Awards:  34%|█           | 1377/4066 [44:03<1:24:46,  1.89s/it]
Info (Award 1377): Validated episode match: S1E1 'Pilot'
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Processing Awards:  34%|█▋          | 1381/4066 [44:10<1:18:34,  1.76s/it]
Info (Award 1381): Validated episode match: S2E7 'The Substitute'
Processing Awards:  34%|█▋          | 1383/4066 [44:14<1:21:34,  1.82s/it]
Info (Award 1383): Validated episode match: S1E1 'Pilot'
Processing Awards:  34%|█▋          | 1385/4066 [44:17<1:20:38,  1.80s/it]
Info (Award 1385): Validated episode match: S1E19 'Dream On'
Processing Awards:  34%|█▋          | 1386/4066 [44:20<1:25:00,  1.90s/it]
Info (Award 1386): Validated episode match: S1E15 'The Power of Madonna'
Processing Awards:  34%|█▋          | 1390/4066 [44:27<1:17:15,  1.73s/it]
Info (Award 1390): Validated episode match: S1E9 'Wheels'
Processing Awards:  34%|█▋          | 1391/4066 [44:29<1:16:20,  1.71s/it]
Info (Award 1391): Validated episode match: S1E15 'The Power of Madonna'
Processing Awards:  34%|█▋          | 1392/4066 [44:31<1:30:18,  2.03s/it]
Info (Award 1392): Validated episode match: S1E1 'Pilot'
Processing Awards:  34%|█▋          | 1395/4066 [44:36<1:19:32,  1.79s/it]
Info (Award 1395): Validated episode match: S2E18 'Born This Way'
Processing Awards:  34%|█▋          | 1400/4066 [44:45<1:15:59,  1.71s/it]
Saving intermediate results at index 1399 (Loop index: 1399)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  35%|█▋          | 1417/4066 [45:16<1:23:41,  1.90s/it]
Info (Award 1417): Validated episode match: S2E10 'Northwest Mansion Mystery'
Processing Awards:  35%|█▋          | 1419/4066 [45:22<1:39:48,  2.26s/it]
Info (Award 1419): Validated episode match: S1E1 'Tourist Trapped'
Processing Awards:  35%|█▋          | 1420/4066 [45:24<1:38:21,  2.23s/it]
Info (Award 1420): Validated episode match: S2E11 'Not What He Seems'
Processing Awards:  35%|█▋          | 1421/4066 [45:26<1:35:57,  2.18s/it]
Info (Award 1421): Validated episode match: S1E19 'Dreamscaperers'
Processing Awards:  35%|█▋          | 1432/4066 [45:46<1:24:14,  1.92s/it]
Info (Award 1432): Validated episode match: S6E18 'Suicide Is Painless'
Processing Awards:  35%|█▋          | 1433/4066 [45:48<1:25:50,  1.96s/it]
Info (Award 1433): Validated episode match: S5E6 'Life During Wartime'
Processing Awards:  35%|█▋          | 1436/4066 [45:54<1:24:42,  1.93s/it]
Info (Award 1436): Validated episode match: S7E20 'White Wedding'
Processing Awards:  35%|█▋          | 1438/4066 [45:59<1:38:02,  2.24s/it]
Info (Award 1438): Validated episode match: S7E18 'Song Beneath the Song'
Processing Awards:  36%|█▊          | 1450/4066 [46:26<1:29:54,  2.06s/it]
Saving intermediate results at index 1449 (Loop index: 1449)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  36%|█▊          | 1469/4066 [47:00<1:10:42,  1.63s/it]
Info (Award 1469): Validated episode match: S6E7 'Happy Halloween: Part 1'
Processing Awards:  36%|█▊          | 1482/4066 [47:22<1:13:00,  1.70s/it]
Info (Award 1482): Validated episode match: S3E1 'Antipasto'
Processing Awards:  36%|█▊          | 1483/4066 [47:25<1:19:44,  1.85s/it]
Info (Award 1483): Validated episode match: S3E13 'The Wrath of the Lamb'
Processing Awards:  37%|█▊          | 1500/4066 [47:55<1:20:13,  1.88s/it]
Saving intermediate results at index 1499 (Loop index: 1499)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  37%|█▊          | 1513/4066 [48:18<1:09:35,  1.64s/it]
Info (Award 1513): Validated episode match: S3E1 'Chapter One 'The Second Coming''
Processing Awards:  38%|█▉          | 1538/4066 [49:05<1:20:40,  1.91s/it]
Info (Award 1538): Validated episode match: S8E16 'Mark's Big Break'
Processing Awards:  38%|█▉          | 1539/4066 [49:07<1:22:18,  1.95s/it]
Info (Award 1539): Validated episode match: S7E5 'A Night to Dismember'
Processing Awards:  38%|█▉          | 1540/4066 [49:12<2:06:24,  3.00s/it]
Info (Award 1540): Validated episode match: S7E2 'Clash of the Taylors'
Processing Awards:  38%|█▉          | 1542/4066 [49:16<1:44:50,  2.49s/it]
Info (Award 1542): Validated episode match: S5E16 'The Vasectomy One'
Processing Awards:  38%|█▉          | 1550/4066 [49:32<1:19:08,  1.89s/it]
Saving intermediate results at index 1549 (Loop index: 1549)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  38%|█▉          | 1555/4066 [49:41<1:22:57,  1.98s/it]
Info (Award 1555): Validated episode match: S3E11 'Big Man in Tehran'
Processing Awards:  38%|█▉          | 1556/4066 [49:43<1:18:36,  1.88s/it]
Info (Award 1556): Validated episode match: S1E1 'Pilot'
Processing Awards:  38%|█▉          | 1558/4066 [49:46<1:11:48,  1.72s/it]
Info (Award 1558): Validated episode match: S1E1 'Pilot'
Processing Awards:  38%|█▉          | 1560/4066 [49:51<1:21:19,  1.95s/it]
Info (Award 1560): Validated episode match: S2E2 'Beirut Is Back'
Processing Awards:  38%|█▉          | 1561/4066 [49:53<1:27:30,  2.10s/it]
Info (Award 1561): Validated episode match: S8E12 'Prisoners of War'
Processing Awards:  38%|█▉          | 1562/4066 [49:55<1:21:56,  1.96s/it]
Info (Award 1562): Validated episode match: S4E6 'From A to B and Back Again'
Processing Awards:  38%|█▉          | 1563/4066 [49:58<1:33:13,  2.23s/it]
Info (Award 1563): Validated episode match: S1E1 'Pilot'
Processing Awards:  39%|█▉          | 1571/4066 [50:10<1:05:35,  1.58s/it]
Info (Award 1571): Validated episode match: S3E12 'The Star'
Processing Awards:  39%|█▉          | 1579/4066 [50:24<1:12:47,  1.76s/it]
Info (Award 1579): Validated episode match: S7E12 'Paean to the People'
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Processing Awards:  39%|██       | 1580/4066 [50:27<1:19:29,  1.92s/it]
Info (Award 1580): Validated episode match: S1E6 'The Good Soldier'
Processing Awards:  39%|██       | 1587/4066 [50:39<1:15:19,  1.82s/it]
Info (Award 1587): Validated episode match: S4E7 'Redux'
Processing Awards:  39%|██       | 1597/4066 [50:56<1:07:54,  1.65s/it]
Info (Award 1597): Validated episode match: S7E15 'Bombshells'
Processing Awards:  39%|██       | 1598/4066 [50:58<1:13:17,  1.78s/it]
Info (Award 1598): Validated episode match: S5E22 'House Divided'
Processing Awards:  39%|██       | 1599/4066 [51:00<1:15:44,  1.84s/it]
Info (Award 1599): Validated episode match: S4E15 'House's Head'
Processing Awards:  39%|██       | 1600/4066 [51:02<1:15:57,  1.85s/it]
Saving intermediate results at index 1599 (Loop index: 1599)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 1600): Validated episode match: S3E6 'Que Será Será'
Processing Awards:  39%|██       | 1601/4066 [51:04<1:17:44,  1.89s/it]
Info (Award 1601): Validated episode match: S1E21 'Three Stories'
Processing Awards:  40%|██       | 1607/4066 [51:14<1:19:09,  1.93s/it]
Info (Award 1607): Validated episode match: S1E21 'Three Stories'
Processing Awards:  40%|██       | 1610/4066 [51:20<1:21:16,  1.99s/it]
Info (Award 1610): Validated episode match: S6E2 'Epic Fail'
Processing Awards:  40%|██       | 1611/4066 [51:22<1:21:44,  2.00s/it]
Info (Award 1611): Validated episode match: S3E24 'Human Error'
Processing Awards:  40%|██       | 1619/4066 [51:36<1:07:41,  1.66s/it]
Info (Award 1619): Validated episode match: S2E2 'Autopsy'
Processing Awards:  40%|██       | 1631/4066 [52:04<1:25:31,  2.11s/it]
Info (Award 1631): Validated episode match: S6E3 'The Tyrant'
Processing Awards:  40%|██       | 1632/4066 [52:06<1:21:00,  2.00s/it]
Info (Award 1632): Validated episode match: S7E15 'Bombshells'
Processing Awards:  40%|██       | 1633/4066 [52:08<1:25:47,  2.12s/it]
Info (Award 1633): Validated episode match: S6E21 'Help Me'
Processing Awards:  40%|██       | 1635/4066 [52:12<1:18:51,  1.95s/it]
Info (Award 1635): Validated episode match: S1E5 'Damned If You Do'
Processing Awards:  40%|██       | 1639/4066 [52:18<1:09:14,  1.71s/it]
Info (Award 1639): Validated episode match: S3E5 'How I Met Everyone Else'
Processing Awards:  40%|██       | 1642/4066 [52:24<1:12:01,  1.78s/it]
Info (Award 1642): Validated episode match: S9E20 'Daisy'
Processing Awards:  40%|██       | 1643/4066 [52:26<1:13:23,  1.82s/it]
Info (Award 1643): Validated episode match: S8E12 'The Final Page: Part Two'
Processing Awards:  40%|██       | 1644/4066 [52:28<1:13:10,  1.81s/it]
Info (Award 1644): Validated episode match: S8E15 'P.S. I Love You'
Processing Awards:  40%|██       | 1645/4066 [52:30<1:15:14,  1.86s/it]
Info (Award 1645): Validated episode match: S7E20 'Trilogy Time'
Processing Awards:  40%|██       | 1646/4066 [52:32<1:19:44,  1.98s/it]
Info (Award 1646): Validated episode match: S6E4 'Subway Wars'
Processing Awards:  41%|██       | 1647/4066 [52:34<1:18:14,  1.94s/it]
Info (Award 1647): Validated episode match: S4E5 'Shelter Island'
Processing Awards:  41%|██       | 1648/4066 [52:36<1:24:25,  2.09s/it]
Info (Award 1648): Validated episode match: S3E10 'The Yips'
Processing Awards:  41%|██       | 1649/4066 [52:40<1:40:37,  2.50s/it]
Info (Award 1649): Validated episode match: S2E6 'Aldrin Justice'
Processing Awards:  41%|██       | 1650/4066 [52:43<1:45:43,  2.63s/it]
Saving intermediate results at index 1649 (Loop index: 1649)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 1650): Validated episode match: S1E1 'Pilot'
Processing Awards:  41%|██       | 1651/4066 [52:45<1:40:22,  2.49s/it]
Info (Award 1651): Validated episode match: S1E11 'The Limo'
Processing Awards:  41%|██       | 1654/4066 [52:50<1:20:17,  2.00s/it]
Info (Award 1654): Validated episode match: S5E11 'Last Cigarette Ever'
Processing Awards:  41%|██       | 1668/4066 [53:17<1:17:29,  1.94s/it]
Info (Award 1668): Validated episode match: S4E13 'Lahey v. Commonwealth of Pennsylvania'
Processing Awards:  41%|██       | 1673/4066 [53:24<1:00:57,  1.53s/it]
Info (Award 1673): Validated episode match: S6E13 'What If Sam Wasn't the Bad Guy This Whole Time?'
Processing Awards:  41%|██       | 1675/4066 [53:28<1:07:58,  1.71s/it]
Info (Award 1675): Validated episode match: S6E13 'What If Sam Wasn't the Bad Guy This Whole Time?'
Processing Awards:  42%|██       | 1692/4066 [53:54<1:00:09,  1.52s/it]
Info (Award 1692): Validated episode match: S4E9 'Lowkey Trying'
Processing Awards:  42%|██       | 1700/4066 [54:10<1:10:47,  1.80s/it]
Saving intermediate results at index 1699 (Loop index: 1699)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  42%|██       | 1710/4066 [54:27<1:08:20,  1.74s/it]
Info (Award 1710): Validated episode match: S2E8 'Hella Perspective'
Processing Awards:  42%|██       | 1714/4066 [54:34<1:06:39,  1.70s/it]
Info (Award 1714): Validated episode match: S4E9 'Lowkey Trying'
Processing Awards:  42%|██       | 1728/4066 [55:01<1:22:41,  2.12s/it]
Info (Award 1728): Validated episode match: S4E1 'Gypsy Eyes'
Processing Awards:  43%|██       | 1729/4066 [55:03<1:26:34,  2.22s/it]
Info (Award 1729): Validated episode match: S2E14 'Cowboys & Cossacks'
Processing Awards:  43%|██       | 1731/4066 [55:11<1:53:44,  2.92s/it]
Info (Award 1731): Validated episode match: S6E16 'Retreat, Hell'
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Processing Awards:  43%|██████      | 1749/4066 [55:44<1:06:21,  1.72s/it]
Warning (Award 1749): LLM matched title 'Y'all Ready For This' not found in episode lookup (Cleaned: 'y'all ready for t
his'). Trying next match.
Info (Award 1749): No verifiable episode match found in LLM response list: [{'title': "Y'all Ready For This", 'season':
4, 'episode': 4}]
Processing Awards:  43%|██████      | 1750/4066 [55:46<1:10:27,  1.83s/it]
Saving intermediate results at index 1749 (Loop index: 1749)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  43%|██████      | 1753/4066 [55:54<1:24:09,  2.18s/it]
Warning (Award 1753): LLM matched title 'Y'all Ready for This?' not found in episode lookup (Cleaned: 'y'all ready for
this?'). Trying next match.
Warning (Award 1753): LLM matched title 'The End' not found in episode lookup (Cleaned: 'the end'). Trying next match.
Info (Award 1753): No verifiable episode match found in LLM response list: [{'title': "Y'all Ready for This?", 'seaso
n': 4, 'episode': 4}, {'title': 'The End', 'season': 5, 'episode': 1}]
Processing Awards:  43%|██████      | 1754/4066 [55:57<1:30:50,  2.36s/it]
Info (Award 1754): Validated episode match: S8E18 'Girl, You'll Be a Giant Soon'
Processing Awards:  43%|██████      | 1755/4066 [55:59<1:30:21,  2.35s/it]
Info (Award 1755): Validated episode match: S8E9 'Ceci N'est Pas Une King of the Hill'
Processing Awards:  43%|██████      | 1756/4066 [56:01<1:28:27,  2.30s/it]
Info (Award 1756): Validated episode match: S6E1 'Bobby Goes Nuts'
Processing Awards:  43%|██████      | 1757/4066 [56:04<1:32:29,  2.40s/it]
Info (Award 1757): Validated episode match: S5E15 'Luanne Virgin 2.0'
Processing Awards:  43%|██████      | 1760/4066 [56:11<1:30:52,  2.36s/it]
Info (Award 1760): Validated episode match: S6E1 'Bobby Goes Nuts'
Processing Awards:  43%|██████      | 1761/4066 [56:13<1:26:35,  2.25s/it]
Info (Award 1761): Validated episode match: S3E2 'And They Call It Bobby Love'
Processing Awards:  43%|██████      | 1762/4066 [56:16<1:32:30,  2.41s/it]
Info (Award 1762): Validated episode match: S7E18 'I Never Promised You an Organic Garden'
Processing Awards:  43%|██████      | 1763/4066 [56:19<1:41:07,  2.63s/it]
Info (Award 1763): Validated episode match: S5E17 'It's Not Easy Being Green'
Processing Awards:  43%|██████      | 1764/4066 [56:22<1:46:12,  2.77s/it]
Info (Award 1764): Validated episode match: S13E1 'Dia—BILL—ic Shock'
Processing Awards:  44%|██████      | 1771/4066 [56:34<1:05:05,  1.70s/it]
Info (Award 1771): Validated episode match: S3E8 'I'm in the Nude for Love'
Processing Awards:  44%|██████      | 1800/4066 [57:24<1:02:02,  1.64s/it]
Saving intermediate results at index 1799 (Loop index: 1799)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  44%|██████      | 1808/4066 [57:38<1:10:13,  1.87s/it]
Info (Award 1808): Validated episode match: S4E28 'National Flood Insurance Program'
Processing Awards:  45%|██████      | 1845/4066 [59:04<2:26:54,  3.97s/it]
Info (Award 1845): Validated episode match: S9E24 'Refuge: Part 2'
Processing Awards:  45%|██████      | 1846/4066 [59:06<2:08:42,  3.48s/it]
Info (Award 1846): Validated episode match: S11E10 'Whose Monkey Is It Anyway?'
Processing Awards:  45%|██████      | 1850/4066 [59:15<1:30:14,  2.44s/it]
Saving intermediate results at index 1849 (Loop index: 1849)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 1850): Validated episode match: S9E5 'Agony'
Processing Awards:  46%|██████      | 1853/4066 [59:22<1:22:58,  2.25s/it]
Info (Award 1853): Validated episode match: S19E20 'Exchange'
Processing Awards:  46%|██████      | 1854/4066 [59:24<1:21:41,  2.22s/it]
Info (Award 1854): Validated episode match: S10E4 'Merger'
Processing Awards:  46%|██████      | 1855/4066 [59:26<1:21:26,  2.21s/it]
Info (Award 1855): Validated episode match: S8E11 'Under the Influence'
Processing Awards:  46%|██████      | 1857/4066 [59:32<1:35:07,  2.58s/it]
Info (Award 1857): Validated episode match: S7E9 'Entrapment'
Processing Awards:  46%|██████      | 1861/4066 [59:43<1:41:56,  2.77s/it]
Info (Award 1861): Validated episode match: S9E10 'Hate'
Processing Awards:  46%|██████      | 1862/4066 [59:46<1:34:38,  2.58s/it]
Info (Award 1862): Validated episode match: S9E2 'DWB'
Processing Awards:  46%|██████      | 1886/4066 [1:00:27<58:51,  1.62s/it]
Info (Award 1886): Validated episode match: S1E16 'Outlaws'
Processing Awards:  46%|██████      | 1890/4066 [1:00:36<1:09:58,  1.93s/it]
Info (Award 1890): Validated episode match: S4E5 'The Constant'
Processing Awards:  47%|██████      | 1892/4066 [1:00:39<1:07:16,  1.86s/it]
Info (Award 1892): Validated episode match: S1E1 'Pilot: Part 1'
Processing Awards:  47%|██████      | 1893/4066 [1:00:42<1:15:37,  2.09s/it]
Warning (Award 1893): LLM matched title 'The End' not found in episode lookup (Cleaned: 'the end'). Trying next match.
Info (Award 1893): No verifiable episode match found in LLM response list: [{'title': 'The End', 'season': 6, 'episod
e': 17}]
Processing Awards:  47%|██████      | 1898/4066 [1:00:55<1:25:09,  2.36s/it]
Info (Award 1898): Validated episode match: S2E16 'The Whole Truth'
Processing Awards:  47%|██████      | 1900/4066 [1:00:59<1:18:57,  2.19s/it]
Saving intermediate results at index 1899 (Loop index: 1899)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  47%|██████      | 1901/4066 [1:01:00<1:11:54,  1.99s/it]
Info (Award 1901): Validated episode match: S4E2 'Confirmed Dead'
Processing Awards:  47%|██████      | 1902/4066 [1:01:02<1:12:09,  2.00s/it]
Info (Award 1902): Validated episode match: S1E1 'Pilot: Part 1'
Processing Awards:  47%|██████      | 1911/4066 [1:01:24<1:49:33,  3.05s/it]
Info (Award 1911): Validated episode match: S1E24 'Exodus: Part 2'
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Processing Awards:  47%|██████      | 1912/4066 [1:01:28<2:00:19,  3.35s/it]
Info (Award 1912): Validated episode match: S1E2 'Pilot: Part 2'
Processing Awards:  47%|██████      | 1913/4066 [1:01:31<1:49:57,  3.06s/it]
Info (Award 1913): Validated episode match: S6E17 'The End: Part 1'
Processing Awards:  47%|██████      | 1916/4066 [1:01:37<1:23:16,  2.32s/it]
Info (Award 1916): Validated episode match: S1E1 'Pilot: Part 1'
Processing Awards:  47%|██████      | 1918/4066 [1:01:43<1:30:39,  2.53s/it]
Warning (Award 1918): LLM matched title 'The End' not found in episode lookup (Cleaned: 'the end'). Trying next match.
Info (Award 1918): No verifiable episode match found in LLM response list: [{'title': 'The End', 'season': 6, 'episod
e': 18}]
Processing Awards:  48%|██████      | 1938/4066 [1:02:19<1:00:53,  1.72s/it]
Info (Award 1938): Validated episode match: S3E16 'The Alan Brady Show'
Processing Awards:  48%|██████      | 1940/4066 [1:02:25<1:17:34,  2.19s/it]
Info (Award 1940): Validated episode match: S7E14 'Uncle Phil Goes Back to High School'
Processing Awards:  48%|██████      | 1943/4066 [1:02:31<1:11:07,  2.01s/it]
Info (Award 1943): Validated episode match: S7E21 'The Final Frontier'
Processing Awards:  48%|██████      | 1947/4066 [1:02:39<1:10:45,  2.00s/it]
Info (Award 1947): Validated episode match: S7E14 'Person to Person'
Processing Awards:  48%|██████      | 1950/4066 [1:02:52<1:49:39,  3.11s/it]
Saving intermediate results at index 1949 (Loop index: 1949)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  48%|██████      | 1953/4066 [1:02:59<1:27:27,  2.48s/it]
Info (Award 1953): Validated episode match: S3E6 'Guy Walks Into an Advertising Agency'
Processing Awards:  48%|██████      | 1956/4066 [1:03:05<1:17:23,  2.20s/it]
Info (Award 1956): Validated episode match: S3E6 'Guy Walks Into an Advertising Agency'
Processing Awards:  48%|██████      | 1965/4066 [1:03:21<56:37,   1.62s/it]
Info (Award 1965): Validated episode match: S4E7 'The Suitcase'
Processing Awards:  48%|██████      | 1968/4066 [1:03:27<1:06:37,  1.91s/it]
Info (Award 1968): Validated episode match: S4E1 'Public Relations'
Processing Awards:  48%|██████      | 1969/4066 [1:03:29<1:04:13,  1.84s/it]
Info (Award 1969): Validated episode match: S3E8 'Souvenir'
Processing Awards:  49%|██████      | 1984/4066 [1:03:58<58:27,   1.68s/it]
Info (Award 1984): Validated episode match: S4E12 'Blowing Smoke'
Processing Awards:  49%|██████      | 1995/4066 [1:04:18<56:48,   1.65s/it]
Info (Award 1995): Validated episode match: S1E1 'Pilot'
Processing Awards:  49%|██████      | 2000/4066 [1:04:27<1:01:06,  1.77s/it]
Saving intermediate results at index 1999 (Loop index: 1999)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 2000): Validated episode match: S1E1 'Pilot'
Processing Awards:  49%|██████      | 2001/4066 [1:04:29<1:03:30,  1.85s/it]
Info (Award 2001): Validated episode match: S2E20 'Bowling'
Processing Awards:  49%|██████      | 2002/4066 [1:04:31<1:05:08,  1.89s/it]
Info (Award 2002): Validated episode match: S7E11 'Bride of Ida'
Processing Awards:  49%|██████      | 2003/4066 [1:04:34<1:21:09,  2.36s/it]
Info (Award 2003): Validated episode match: S4E10 'If Boys Were Girls'
Processing Awards:  49%|██████      | 2004/4066 [1:04:37<1:19:48,  2.32s/it]
Info (Award 2004): Validated episode match: S3E7 'Christmas'
Processing Awards:  49%|██████      | 2005/4066 [1:04:39<1:16:40,  2.23s/it]
Info (Award 2005): Validated episode match: S2E20 'Bowling'
Processing Awards:  49%|██████      | 2006/4066 [1:04:41<1:19:41,  2.32s/it]
Info (Award 2006): Validated episode match: S2E20 'Bowling'
Processing Awards:  49%|██████      | 2007/4066 [1:04:43<1:19:48,  2.33s/it]
Info (Award 2007): Validated episode match: S1E1 'Pilot'
Processing Awards:  49%|██████      | 2008/4066 [1:04:46<1:22:35,  2.41s/it]
Info (Award 2008): Validated episode match: S1E1 'Pilot'
Processing Awards:  50%|██████      | 2020/4066 [1:05:10<1:00:18,  1.77s/it]
Info (Award 2020): Validated episode match: S5E11 'Ida's Boyfriend'
Processing Awards:  50%|██████      | 2038/4066 [1:05:44<1:02:14,  1.84s/it]
Info (Award 2038): Validated episode match: S6E3 'The Strangler'
Processing Awards:  50%|██████      | 2044/4066 [1:05:55<1:05:49,  1.95s/it]
Info (Award 2044): Validated episode match: S2E2 'The Song Remains the Same'
Processing Awards:  50%|██████      | 2050/4066 [1:06:07<1:04:00,  1.91s/it]
Saving intermediate results at index 2049 (Loop index: 2049)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  50%|██████      | 2051/4066 [1:06:09<1:03:33,  1.89s/it]
Warning (Award 2051): LLM matched title 'Checkpoint Joyce' not found in episode lookup (Cleaned: 'checkpoint joyce'). T
rying next match.
Info (Award 2051): No verifiable episode match found in LLM response list: [{'title': 'Checkpoint Joyce', 'season': 5,
'episode': 18}]
Processing Awards:  51%|██████      | 2056/4066 [1:06:18<1:01:25,  1.83s/it]
Info (Award 2056): Validated episode match: S1E24 'Family Portrait'
Processing Awards:  51%|██████      | 2060/4066 [1:06:29<1:26:01,  2.57s/it]
Info (Award 2060): Validated episode match: S1E1 'Pilot'
Processing Awards:  51%|██████      | 2062/4066 [1:06:34<1:23:42,  2.51s/it]
Info (Award 2062): Validated episode match: S7E14 'The Storm'
Processing Awards:  51%|██████      | 2064/4066 [1:06:38<1:12:10,  2.16s/it]
Info (Award 2064): Validated episode match: S4E12 'Party Crasher'
Processing Awards:  51%|██████      | 2065/4066 [1:06:41<1:16:39,  2.30s/it]
Info (Award 2065): Validated episode match: S3E15 'Aunt Mommy'
Processing Awards:  51%|██████      | 2066/4066 [1:06:44<1:26:24,  2.59s/it]
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Info (Award 2066): Validated episode match: S2E2 'The Kiss'
Processing Awards:  51%|█████      | 2075/4066 [1:07:02<1:05:44,  1.98s/it]
Info (Award 2075): Validated episode match: S3E10 'Express Christmas'
Processing Awards:  51%|█████      | 2076/4066 [1:07:05<1:09:23,  2.09s/it]
Info (Award 2076): Validated episode match: S2E6 'Halloween'
Processing Awards:  52%|█████      | 2095/4066 [1:07:47<1:10:51,  2.16s/it]
Info (Award 2095): Validated episode match: S3E6 'Horny-Goggles and a Catered Intervention'
Processing Awards:  52%|█████      | 2100/4066 [1:07:57<1:06:53,  2.04s/it]
Saving intermediate results at index 2099 (Loop index: 2099)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  52%|█████      | 2109/4066 [1:08:13<52:17,  1.60s/it]
Info (Award 2109): Validated episode match: S5E1 'A Womb with a View'
Processing Awards:  52%|█████      | 2118/4066 [1:08:29<55:30,  1.71s/it]
Info (Award 2118): Validated episode match: S2E2 'eps2.0_unm4sk-pt2.tc'
Processing Awards:  52%|█████      | 2122/4066 [1:08:35<52:19,  1.62s/it]
Info (Award 2122): Validated episode match: S1E1 'eps1.0_hellofriend.mov'
Processing Awards:  52%|█████      | 2128/4066 [1:08:46<57:03,  1.77s/it]
Info (Award 2128): Validated episode match: S2E1 'eps2.0_unm4sk-pt1.tc'
Processing Awards:  53%|█████      | 2137/4066 [1:09:03<52:16,  1.63s/it]
Info (Award 2137): Validated episode match: S7E9 'Ballad for a Blue Lady'
Processing Awards:  53%|█████      | 2138/4066 [1:09:05<55:28,  1.73s/it]
Info (Award 2138): Validated episode match: S6E7 'Night of the Tarantula'
Processing Awards:  53%|█████      | 2150/4066 [1:09:34<1:01:19,  1.92s/it]
Saving intermediate results at index 2149 (Loop index: 2149)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  54%|█████      | 2186/4066 [1:10:55<1:04:13,  2.05s/it]
Info (Award 2186): Validated episode match: S9E21 'Rekindled'
Processing Awards:  54%|█████      | 2200/4066 [1:11:30<1:09:23,  2.23s/it]
Saving intermediate results at index 2199 (Loop index: 2199)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  54%|█████      | 2206/4066 [1:11:46<1:22:12,  2.65s/it]
Info (Award 2206): Validated episode match: S7E21 'Head of the Snake'
Processing Awards:  54%|█████      | 2207/4066 [1:11:48<1:16:42,  2.48s/it]
Info (Award 2207): Validated episode match: S6E22 'Field of Fire'
Processing Awards:  54%|█████      | 2208/4066 [1:11:50<1:15:09,  2.43s/it]
Info (Award 2208): Validated episode match: S5E23 'Exposure'
Processing Awards:  55%|█████      | 2217/4066 [1:12:08<59:08,  1.92s/it]
Info (Award 2217): Validated episode match: S6E5 'Hearts and Souls'
Processing Awards:  55%|█████      | 2218/4066 [1:12:11<1:03:09,  2.05s/it]
Info (Award 2218): Validated episode match: S6E5 'Hearts and Souls'
Processing Awards:  55%|█████      | 2224/4066 [1:12:23<1:08:58,  2.25s/it]
Info (Award 2224): Validated episode match: S4E8 'Unembraceable You'
Processing Awards:  55%|█████      | 2225/4066 [1:12:25<1:11:06,  2.32s/it]
Info (Award 2225): Validated episode match: S6E5 'Hearts and Souls'
Processing Awards:  55%|█████      | 2226/4066 [1:12:28<1:11:19,  2.33s/it]
Info (Award 2226): Validated episode match: S3E2 'Torah! Torah! Torah!'
Processing Awards:  55%|█████      | 2227/4066 [1:12:30<1:13:19,  2.39s/it]
Info (Award 2227): Validated episode match: S2E5 'Simone Says'
Processing Awards:  55%|█████      | 2228/4066 [1:12:33<1:20:11,  2.62s/it]
Info (Award 2228): Validated episode match: S1E2 '4B or Not 4B'
Processing Awards:  55%|█████      | 2229/4066 [1:12:36<1:15:23,  2.46s/it]
Info (Award 2229): Validated episode match: S6E5 'Hearts and Souls'
Processing Awards:  55%|█████      | 2230/4066 [1:12:37<1:09:14,  2.26s/it]
Info (Award 2230): Validated episode match: S9E15 'Guns & Hoses'
Processing Awards:  55%|█████      | 2239/4066 [1:12:56<1:08:09,  2.24s/it]
Info (Award 2239): Validated episode match: S6E8 'Raging Bulls'
Processing Awards:  55%|█████      | 2246/4066 [1:13:11<1:07:50,  2.24s/it]
Info (Award 2246): Validated episode match: S3E16 'Girl Talk'
Processing Awards:  55%|█████      | 2250/4066 [1:13:20<1:08:26,  2.26s/it]
Saving intermediate results at index 2249 (Loop index: 2249)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  56%|█████      | 2261/4066 [1:13:42<59:31,  1.98s/it]
Info (Award 2261): Validated episode match: S4E22 'Kaddish, for Uncle Manny'
Processing Awards:  56%|█████      | 2266/4066 [1:13:51<57:32,  1.92s/it]
Info (Award 2266): Validated episode match: S1E1 'Pilot'
Processing Awards:  56%|█████      | 2267/4066 [1:13:53<57:45,  1.93s/it]
Info (Award 2267): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|█████      | 2268/4066 [1:13:55<1:00:40,  2.02s/it]
Info (Award 2268): Validated episode match: S5E18 'Fish Story'
Processing Awards:  56%|█████      | 2270/4066 [1:13:58<54:48,  1.83s/it]
Info (Award 2270): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|█████      | 2271/4066 [1:14:00<57:45,  1.93s/it]
Info (Award 2271): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|█████      | 2272/4066 [1:14:02<56:23,  1.89s/it]
Info (Award 2272): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|█████      | 2273/4066 [1:14:04<56:32,  1.89s/it]
Info (Award 2273): Validated episode match: S3E10 'Seoul Mates'
Processing Awards:  56%|█████      | 2276/4066 [1:14:09<50:31,  1.69s/it]
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Info (Award 2276): Validated episode match: S4E11 'Survival of the Species'
Processing Awards:  56%|███████     | 2278/4066 [1:14:13<54:50,  1.84s/it]
Info (Award 2278): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|███████     | 2279/4066 [1:14:15<55:47,  1.87s/it]
Info (Award 2279): Validated episode match: S3E23 'Cicely'
Processing Awards:  56%|███████     | 2282/4066 [1:14:24<1:11:52,  2.42s/it]
Info (Award 2282): Validated episode match: S3E16 'The Three Amigos'
Processing Awards:  56%|███████     | 2283/4066 [1:14:26<1:06:09,  2.23s/it]
Info (Award 2283): Validated episode match: S3E8 'A-Hunting We Will Go'
Processing Awards:  56%|███████     | 2286/4066 [1:14:32<59:50,  2.02s/it]
Info (Award 2286): Validated episode match: S4E10 'Handle Your Scandal'
Processing Awards:  56%|███████     | 2288/4066 [1:14:36<58:08,  1.96s/it]
Info (Award 2288): Validated episode match: S5E7 'Teachable Moments'
Processing Awards:  56%|███████     | 2289/4066 [1:14:38<57:05,  1.93s/it]
Info (Award 2289): Validated episode match: S1E1 'Pilot'
Processing Awards:  56%|███████     | 2297/4066 [1:14:53<1:02:26,  2.12s/it]
Info (Award 2297): Validated episode match: S4E7 'The Snow Queen'
Processing Awards:  57%|███████     | 2300/4066 [1:14:59<55:26,  1.88s/it]
Saving intermediate results at index 2299 (Loop index: 2299)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  57%|███████     | 2320/4066 [1:15:39<45:39,  1.57s/it]
Info (Award 2320): Validated episode match: S4E6 'I'll Be Right Here'
Processing Awards:  57%|███████     | 2322/4066 [1:15:42<49:42,  1.71s/it]
Info (Award 2322): Validated episode match: S2E11 'Damage Control'
Processing Awards:  57%|███████     | 2333/4066 [1:16:01<44:42,  1.55s/it]
Info (Award 2333): Validated episode match: S2E1 'Pawnee Zoo'
Processing Awards:  57%|███████     | 2335/4066 [1:16:04<46:41,  1.62s/it]
Info (Award 2335): Validated episode match: S6E18 'Prom'
Processing Awards:  58%|███████     | 2350/4066 [1:16:34<58:20,  2.04s/it]
Saving intermediate results at index 2349 (Loop index: 2349)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  58%|███████     | 2353/4066 [1:16:40<55:27,  1.94s/it]
Info (Award 2353): Validated episode match: S6E1 'Pickathon'
Processing Awards:  58%|███████     | 2354/4066 [1:16:43<58:36,  2.05s/it]
Info (Award 2354): Validated episode match: S5E10 'Dead Pets'
Processing Awards:  58%|███████     | 2356/4066 [1:16:47<58:18,  2.05s/it]
Info (Award 2356): Validated episode match: S1E1 'Farm'
Processing Awards:  58%|███████     | 2358/4066 [1:16:50<52:13,  1.83s/it]
Info (Award 2358): Validated episode match: S7E8 'Ants'
Processing Awards:  58%|███████     | 2359/4066 [1:16:52<54:30,  1.92s/it]
Info (Award 2359): Validated episode match: S4E3 'Celery'
Processing Awards:  59%|███████     | 2380/4066 [1:17:28<45:50,  1.63s/it]
Info (Award 2380): Validated episode match: S3E7 'Series Finale (Part I)'
Processing Awards:  59%|███████     | 2400/4066 [1:18:03<52:13,  1.88s/it]
Saving intermediate results at index 2399 (Loop index: 2399)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  59%|███████     | 2406/4066 [1:18:14<49:51,  1.80s/it]
Info (Award 2406): Validated episode match: S4E7 'Did You Hear What Happened to Charlotte King?'
Processing Awards:  59%|███████     | 2411/4066 [1:18:23<51:49,  1.88s/it]
Info (Award 2411): Validated episode match: S3E2 'The Way We Were'
Processing Awards:  59%|███████     | 2412/4066 [1:18:26<1:00:47,  2.21s/it]
Warning (Award 2412): LLM matched title 'A Song for the Soul' not found in episode lookup (Cleaned: 'a song for the sou
l'). Trying next match.
Info (Award 2412): No verifiable episode match found in LLM response list: [{'title': 'A Song for the Soul', 'season':
4, 'episode': 15}]
Processing Awards:  59%|███████     | 2413/4066 [1:18:28<1:01:06,  2.22s/it]
Warning (Award 2413): LLM matched title 'The Leap Home: Part 2 (Vietnam)' not found in episode lookup (Cleaned: 'the le
ap home: part 2 (vietnam)'). Trying next match.
Info (Award 2413): No verifiable episode match found in LLM response list: [{'title': 'The Leap Home: Part 2 (Vietna
m)', 'season': 3, 'episode': 2}]
Processing Awards:  59%|███████     | 2414/4066 [1:18:31<1:04:49,  2.35s/it]
Warning (Award 2414): LLM matched title 'Good Night, Dear Heart' not found in episode lookup (Cleaned: 'good night, dea
r heart'). Trying next match.
Info (Award 2414): No verifiable episode match found in LLM response list: [{'title': 'Good Night, Dear Heart', 'seaso
n': 2, 'episode': 17}]
Processing Awards:  59%|███████     | 2415/4066 [1:18:33<1:03:55,  2.32s/it]
Info (Award 2415): Validated episode match: S5E1 'Lee Harvey Oswald - October 5, 1957 - November 22, 1963: Part 1'
Processing Awards:  59%|███████     | 2416/4066 [1:18:37<1:17:39,  2.82s/it]
Warning (Award 2416): LLM matched title 'The Leap Home: Part 1' not found in episode lookup (Cleaned: 'the leap home: p
art 1'). Trying next match.
Info (Award 2416): No verifiable episode match found in LLM response list: [{'title': 'The Leap Home: Part 1', 'seaso
n': 3, 'episode': 1}]
Processing Awards:  59%|███████     | 2417/4066 [1:18:44<1:48:23,  3.94s/it]
Info (Award 2417): Validated episode match: S3E2 'The Leap Home: Part 2 (Vietnam) - April 7, 1970'
Processing Awards:  59%|███████     | 2418/4066 [1:18:46<1:32:43,  3.38s/it]
Warning (Award 2418): LLM matched title 'Pool Hall Blues' not found in episode lookup (Cleaned: 'pool hall blues'). Try
ing next match.
Info (Award 2418): No verifiable episode match found in LLM response list: [{'title': 'Pool Hall Blues', 'season': 2,
'episode': 18}]
Processing Awards:  59%|███████     | 2419/4066 [1:18:48<1:18:20,  2.85s/it]
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Warning (Award 2419): LLM matched title 'Double Identity' not found in episode lookup (Cleaned: 'double identity'). Try
ing next match.
Info (Award 2419): No verifiable episode match found in LLM response list: [{'title': 'Double Identity', 'season': 1,
'episode': 6}]
Processing Awards:  60%|██████      | 2420/4066 [1:18:49<1:09:07,  2.52s/it]
Info (Award 2420): Validated episode match: S1E2 'Genesis: Part 2 – September 13, 1956'
Processing Awards:  60%|██████      | 2432/4066 [1:19:10<47:22,  1.74s/it]
Info (Award 2432): Validated episode match: S3E17 'Eggscellent'
Processing Awards:  60%|██████      | 2434/4066 [1:19:15<51:52,  1.91s/it]
Info (Award 2434): Validated episode match: S4E5 'Rattlestar Ricklactica'
Processing Awards:  60%|██████      | 2435/4066 [1:19:17<57:30,  2.12s/it]
Info (Award 2435): Validated episode match: S3E7 'The Ricklantis Mixup'
Processing Awards:  60%|██████      | 2436/4066 [1:19:19<57:58,  2.13s/it]
Info (Award 2436): Validated episode match: S3E3 'Pickle Rick'
Processing Awards:  60%|██████      | 2439/4066 [1:19:25<50:36,  1.87s/it]
Info (Award 2439): Validated episode match: S4E8 'The Vat of Acid Episode'
Processing Awards:  60%|██████      | 2440/4066 [1:19:26<50:28,  1.86s/it]
Info (Award 2440): Validated episode match: S3E3 'Pickle Rick'
Processing Awards:  60%|██████      | 2450/4066 [1:19:44<55:26,  2.06s/it]
Saving intermediate results at index 2449 (Loop index: 2449)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  60%|██████      | 2454/4066 [1:19:51<47:39,  1.77s/it]
Info (Award 2454): Validated episode match: S1E1 'The Stolen Eagle'
Processing Awards:  60%|██████      | 2456/4066 [1:19:56<54:44,  2.04s/it]
Info (Award 2456): Validated episode match: S2E1 'Passover'
Processing Awards:  60%|██████      | 2457/4066 [1:19:58<54:46,  2.04s/it]
Info (Award 2457): Validated episode match: S2E10 'De Patre Vostro (About Your Father)'
Processing Awards:  60%|██████      | 2459/4066 [1:20:03<1:04:25,  2.41s/it]
Info (Award 2459): Validated episode match: S1E1 'The Stolen Eagle'
Processing Awards:  61%|██████      | 2461/4066 [1:20:07<56:44,  2.12s/it]
Info (Award 2461): Validated episode match: S1E1 'The Stolen Eagle'
Processing Awards:  61%|██████      | 2481/4066 [1:20:50<47:33,  1.80s/it]
Info (Award 2481): Validated episode match: S5E2 'Terms of Estrangement: Part 2'
Processing Awards:  61%|██████      | 2500/4066 [1:21:25<45:46,  1.75s/it]
Saving intermediate results at index 2499 (Loop index: 2499)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 2500): Validated episode match: S5E19 'The Set Up'
Processing Awards:  62%|██████      | 2520/4066 [1:22:00<49:58,  1.94s/it]
Info (Award 2520): Validated episode match: S2E17 'Snake in the Garden'
Processing Awards:  62%|██████      | 2536/4066 [1:22:27<41:01,  1.61s/it]
Info (Award 2536): Validated episode match: S6E14 'Happy Ending'
Processing Awards:  62%|██████      | 2539/4066 [1:22:41<1:19:28,  3.12s/it]
Info (Award 2539): Validated episode match: S6E14 'Happy Ending'
Processing Awards:  63%|██████      | 2550/4066 [1:22:59<41:31,  1.64s/it]
Saving intermediate results at index 2549 (Loop index: 2549)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  63%|██████      | 2560/4066 [1:23:15<39:31,  1.57s/it]
Info (Award 2560): Validated episode match: S6E14 'Happy Ending'
Processing Awards:  63%|██████      | 2571/4066 [1:23:36<41:18,  1.66s/it]
Warning (Award 2571): LLM matched title 'Singles Week' not found in episode lookup (Cleaned: 'singles week'). Trying ne
xt match.
Info (Award 2571): No verifiable episode match found in LLM response list: [{'title': 'Singles Week', 'season': 3, 'epi
sode': 6}]
Processing Awards:  63%|██████      | 2572/4066 [1:23:38<43:25,  1.74s/it]
Info (Award 2572): Validated episode match: S1E3 'Don't Worry, It's His Sister'
Processing Awards:  64%|██████      | 2600/4066 [1:24:30<42:12,  1.73s/it]
Saving intermediate results at index 2599 (Loop index: 2599)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  64%|██████      | 2618/4066 [1:25:01<42:13,  1.75s/it]
Info (Award 2618): Validated episode match: S8E2 'My Last Words'
Processing Awards:  64%|██████      | 2619/4066 [1:25:04<53:13,  2.21s/it]
Info (Award 2619): Validated episode match: S6E15 'My Long Goodbye'
Processing Awards:  64%|██████      | 2620/4066 [1:25:06<54:15,  2.25s/it]
Info (Award 2620): Validated episode match: S6E6 'My Musical'
Processing Awards:  65%|██████      | 2624/4066 [1:25:18<58:09,  2.42s/it]
Info (Award 2624): Validated episode match: S8E9 'The Abstinence'
Processing Awards:  65%|██████      | 2641/4066 [1:25:48<45:36,  1.92s/it]
Info (Award 2641): Validated episode match: S9E8 'The Betrayal'
Processing Awards:  65%|██████      | 2642/4066 [1:25:49<44:58,  1.90s/it]
Info (Award 2642): Validated episode match: S7E11 'The Rye'
Processing Awards:  65%|██████      | 2643/4066 [1:25:51<44:37,  1.88s/it]
Info (Award 2643): Validated episode match: S4E17 'The Outing'
Processing Awards:  65%|██████      | 2650/4066 [1:26:03<39:26,  1.67s/it]
Saving intermediate results at index 2649 (Loop index: 2649)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  65%|██████      | 2656/4066 [1:26:14<40:33,  1.73s/it]
Info (Award 2656): Validated episode match: S8E6 'The Fatigues'
Processing Awards:  65%|██████      | 2657/4066 [1:26:16<41:56,  1.79s/it]
Info (Award 2657): Validated episode match: S7E8 'The Pool Guy'
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Processing Awards:  65%|███████    | 2659/4066 [1:26:19<42:21,  1.81s/it]
Info (Award 2659): Validated episode match: S4E11 'The Contest'
Processing Awards:  66%|███████    | 2666/4066 [1:26:32<41:08,  1.76s/it]
Info (Award 2666): Validated episode match: S6E20 'An American Girl in Paris: Part Deux'
Processing Awards:  66%|███████    | 2667/4066 [1:26:34<42:33,  1.83s/it]
Info (Award 2667): Validated episode match: S5E3 'Luck Be an Old Lady'
Processing Awards:  66%|███████    | 2668/4066 [1:26:36<43:04,  1.85s/it]
Info (Award 2668): Validated episode match: S4E2 'The Real Me'
Processing Awards:  66%|███████    | 2676/4066 [1:26:48<37:43,  1.63s/it]
Info (Award 2676): Validated episode match: S6E20 'An American Girl in Paris: Part Deux'
Processing Awards:  66%|███████    | 2677/4066 [1:26:51<42:03,  1.82s/it]
Info (Award 2677): Validated episode match: S6E10 'Boy, Interrupted'
Processing Awards:  66%|███████    | 2684/4066 [1:27:03<38:48,  1.68s/it]
Info (Award 2684): Validated episode match: S3E12 'Don't Ask, Don't Tell'
Processing Awards:  66%|███████    | 2686/4066 [1:27:07<43:11,  1.88s/it]
Info (Award 2686): Validated episode match: S6E20 'An American Girl in Paris: Part Deux'
Processing Awards:  66%|███████    | 2700/4066 [1:27:33<38:58,  1.71s/it]
Saving intermediate results at index 2699 (Loop index: 2699)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  67%|███████    | 2707/4066 [1:27:46<40:24,  1.78s/it]
Info (Award 2707): Validated episode match: S4E9 'Hooli-Con'
Processing Awards:  67%|███████    | 2708/4066 [1:27:48<41:29,  1.83s/it]
Info (Award 2708): Validated episode match: S2E1 'Sand Hill Shuffle'
Processing Awards:  67%|███████    | 2709/4066 [1:27:51<52:09,  2.31s/it]
Info (Award 2709): Validated episode match: S2E10 'Two Days of the Condor'
Processing Awards:  67%|███████    | 2712/4066 [1:27:57<45:15,  2.01s/it]
Info (Award 2712): Validated episode match: S1E3 'Articles of Incorporation'
Processing Awards:  67%|███████    | 2723/4066 [1:28:15<34:49,  1.56s/it]
Info (Award 2723): Validated episode match: S1E1 'Pilot'
Processing Awards:  67%|███████    | 2732/4066 [1:28:29<34:41,  1.56s/it]
Info (Award 2732): Validated episode match: S1E1 'Pilot'
Processing Awards:  67%|███████    | 2733/4066 [1:28:31<37:00,  1.67s/it]
Info (Award 2733): Validated episode match: S1E1 'Pilot'
Processing Awards:  67%|███████    | 2736/4066 [1:28:37<38:00,  1.71s/it]
Info (Award 2736): Validated episode match: S5E12 'Everyone's Waiting'
Processing Awards:  68%|███████    | 2745/4066 [1:28:52<34:14,  1.56s/it]
Info (Award 2745): Validated episode match: S3E13 'I'm Sorry, I'm Lost'
Processing Awards:  68%|███████    | 2750/4066 [1:29:05<43:06,  1.97s/it]
Saving intermediate results at index 2749 (Loop index: 2749)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  68%|███████    | 2753/4066 [1:29:10<40:03,  1.83s/it]
Info (Award 2753): Validated episode match: S1E1 'Pilot'
Processing Awards:  68%|███████    | 2762/4066 [1:29:32<48:22,  2.23s/it]
Info (Award 2762): Validated episode match: S6E6 'Salvage'
Processing Awards:  68%|███████    | 2769/4066 [1:29:50<45:45,  2.12s/it]
Info (Award 2769): Validated episode match: S16E4 'Jewpacabra'
Processing Awards:  68%|███████    | 2772/4066 [1:29:57<55:11,  2.56s/it]
Info (Award 2772): Validated episode match: S16E9 'Raising the Bar'
Processing Awards:  68%|███████    | 2773/4066 [1:30:00<51:51,  2.41s/it]
Info (Award 2773): Validated episode match: S13E3 'Margaritaville'
Processing Awards:  68%|███████    | 2774/4066 [1:30:02<50:30,  2.35s/it]
Info (Award 2774): Validated episode match: S11E10 'Imaginationland'
Processing Awards:  68%|███████    | 2775/4066 [1:30:05<54:06,  2.51s/it]
Info (Award 2775): Validated episode match: S10E8 'Make Love, Not Warcraft'
Processing Awards:  68%|███████    | 2776/4066 [1:30:07<52:38,  2.45s/it]
Info (Award 2776): Validated episode match: S9E4 'Best Friends Forever'
Processing Awards:  68%|███████    | 2784/4066 [1:30:27<1:15:09,  3.52s/it]
Info (Award 2784): Validated episode match: S4E1 'Wednesday'
Processing Awards:  68%|███████    | 2785/4066 [1:30:29<1:04:59,  3.04s/it]
Info (Award 2785): Validated episode match: S3E10 'Graduation Day'
Processing Awards:  69%|███████    | 2786/4066 [1:30:32<1:03:10,  2.96s/it]
Info (Award 2786): Validated episode match: S5E5 'Off Duty'
Processing Awards:  69%|███████    | 2787/4066 [1:30:34<55:19,  2.60s/it]
Info (Award 2787): Validated episode match: S4E8 'God's Work'
Processing Awards:  69%|███████    | 2800/4066 [1:30:57<37:32,  1.78s/it]
Saving intermediate results at index 2799 (Loop index: 2799)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 2800): Validated episode match: S4E25 'Goodbye: Part 1'
Processing Awards:  69%|███████    | 2802/4066 [1:31:02<42:06,  2.00s/it]
Info (Award 2802): Validated episode match: S3E4 'The Deer Hunter'
Processing Awards:  69%|███████    | 2806/4066 [1:31:09<38:33,  1.84s/it]
Info (Award 2806): Validated episode match: S2E5 'In the Heat of the Day'
Processing Awards:  69%|███████    | 2820/4066 [1:31:33<35:18,  1.70s/it]
Info (Award 2820): Validated episode match: S3E9 'All the Bells Say'
Processing Awards:  70%|███████    | 2836/4066 [1:32:01<33:46,  1.65s/it]
Warning (Award 2836): LLM matched title 'Secession' not found in episode lookup (Cleaned: 'secession'). Trying next mat
ch.
Info (Award 2836): No verifiable episode match found in LLM response list: [{'title': 'Secession', 'season': 3, 'episod
e': 1}]
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Processing Awards:  70%|███████    | 2842/4066 [1:32:10<31:58,  1.57s/it]
Info (Award 2842): Validated episode match: S4E8 'America Decides'
Processing Awards:  70%|███████    | 2846/4066 [1:32:18<35:20,  1.74s/it]
Info (Award 2846): Validated episode match: S4E6 'Living+'
Processing Awards:  70%|███████    | 2848/4066 [1:32:21<35:19,  1.74s/it]
Info (Award 2848): Validated episode match: S3E5 'Retired Janitors of Idaho'
Processing Awards:  70%|███████    | 2850/4066 [1:32:25<37:16,  1.84s/it]
Saving intermediate results at index 2849 (Loop index: 2849)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  71%|███████    | 2880/4066 [1:33:21<37:00,  1.87s/it]
Info (Award 2880): Validated episode match: S3E3 'The Disruption'
Processing Awards:  71%|███████    | 2895/4066 [1:33:50<35:24,  1.81s/it]
Info (Award 2895): Validated episode match: S4E3 'Connor's Wedding'
Processing Awards:  71%|███████    | 2900/4066 [1:33:59<36:07,  1.86s/it]
Saving intermediate results at index 2899 (Loop index: 2899)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  72%|███████    | 2915/4066 [1:34:23<31:31,  1.64s/it]
Info (Award 2915): Validated episode match: S6E10 'START'
Processing Awards:  72%|███████    | 2917/4066 [1:34:27<32:57,  1.72s/it]
Info (Award 2917): Validated episode match: S3E12 'I Am Abassin Zadran'
Processing Awards:  72%|███████    | 2919/4066 [1:34:30<32:55,  1.72s/it]
Info (Award 2919): Validated episode match: S6E7 'Harvest'
Processing Awards:  72%|███████    | 2941/4066 [1:35:09<31:28,  1.68s/it]
Info (Award 2941): Validated episode match: S6E10 'START'
Processing Awards:  72%|███████    | 2942/4066 [1:35:11<32:56,  1.76s/it]
Info (Award 2942): Validated episode match: S6E10 'START'
Processing Awards:  72%|███████    | 2946/4066 [1:35:19<39:41,  2.13s/it]
Info (Award 2946): Validated episode match: S4E20 'The Herb Garden Germination'
Processing Awards:  73%|███████    | 2948/4066 [1:35:23<41:27,  2.22s/it]
Info (Award 2948): Validated episode match: S10E12 'The Holiday Summation'
Processing Awards:  73%|███████    | 2949/4066 [1:35:26<41:35,  2.23s/it]
Info (Award 2949): Validated episode match: S9E11 'The Opening Night Excitation'
Processing Awards:  73%|███████    | 2950/4066 [1:35:30<53:48,  2.89s/it]
Saving intermediate results at index 2949 (Loop index: 2949)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 2950): Validated episode match: S8E15 'The Comic Book Store Regeneration'
Processing Awards:  73%|███████    | 2952/4066 [1:35:36<54:18,  2.92s/it]
Info (Award 2952): Validated episode match: S7E11 'The Cooper Extraction'
Processing Awards:  73%|███████    | 2954/4066 [1:35:45<1:02:40,  3.38s/it]
Info (Award 2954): Validated episode match: S6E22 'The Proton Resurgence'
Processing Awards:  73%|███████    | 2955/4066 [1:35:47<55:15,  2.98s/it]
Info (Award 2955): Validated episode match: S6E3 'The Higgs Boson Observation'
Processing Awards:  73%|███████    | 2958/4066 [1:35:54<46:52,  2.54s/it]
Info (Award 2958): Validated episode match: S10E24 'The Long Distance Dissonance'
Processing Awards:  73%|███████    | 2963/4066 [1:36:04<40:40,  2.21s/it]
Info (Award 2963): Validated episode match: S12E24 'The Stockholm Syndrome'
Processing Awards:  73%|███████    | 2964/4066 [1:36:07<42:34,  2.32s/it]
Info (Award 2964): Validated episode match: S8E19 'The Skywalker Incursion'
Processing Awards:  73%|███████    | 2988/4066 [1:36:59<31:21,  1.75s/it]
Info (Award 2988): Validated episode match: S1E1 'Pilot'
Processing Awards:  74%|███████    | 2999/4066 [1:37:19<28:44,  1.62s/it]
Info (Award 2999): Validated episode match: S3E19 'Jeopardé, Sobrieté, and Infidelité'
Processing Awards:  74%|███████    | 3000/4066 [1:37:21<32:45,  1.84s/it]
Saving intermediate results at index 2999 (Loop index: 2999)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  74%|███████    | 3013/4066 [1:37:44<32:34,  1.86s/it]
Info (Award 3013): Validated episode match: S6E9 'Cliff's Wet Adventure'
Processing Awards:  75%|███████    | 3047/4066 [1:38:50<26:24,  1.55s/it]
Warning (Award 3047): LLM matched title 'Drew's Dance Party Special' not found in episode lookup (Cleaned: 'drew's danc
e party special'). Trying next match.
Info (Award 3047): No verifiable episode match found in LLM response list: [{'title': "Drew's Dance Party Special", 'se
ason': 1, 'episode': 22}]
Processing Awards:  75%|███████    | 3048/4066 [1:38:52<29:25,  1.73s/it]
Info (Award 3048): Validated episode match: S1E20 'Drew and Kate and Kate's Mom'
Processing Awards:  75%|███████    | 3050/4066 [1:38:57<36:01,  2.13s/it]
Saving intermediate results at index 3049 (Loop index: 3049)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  76%|███████    | 3085/4066 [1:40:14<30:33,  1.87s/it]
Info (Award 3085): Validated episode match: S7E23 'One Flew Out of the Cuckoo's Nest'
Processing Awards:  76%|███████    | 3100/4066 [1:40:42<30:30,  1.89s/it]
Saving intermediate results at index 3099 (Loop index: 3099)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  76%|███████    | 3102/4066 [1:40:45<29:39,  1.85s/it]
Info (Award 3102): Validated episode match: S4E15 'Waiting'
Processing Awards:  76%|███████    | 3110/4066 [1:41:01<27:33,  1.73s/it]
Info (Award 3110): Validated episode match: S4E13 'Whenever You're Ready'
Processing Awards:  77%|███████    | 3111/4066 [1:41:03<31:10,  1.96s/it]
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Info (Award 3111): Validated episode match: S4E9 'The Answer'
Processing Awards:  77%|██████    | 3112/4066 [1:41:05<30:16,  1.90s/it]
Info (Award 3112): Validated episode match: S3E9 'Janet(s)'
Processing Awards:  77%|██████    | 3116/4066 [1:41:12<26:52,  1.70s/it]
Info (Award 3116): Validated episode match: S4E13 'Whenever You're Ready'
Processing Awards:  77%|██████    | 3130/4066 [1:41:39<27:30,  1.76s/it]
Info (Award 3130): Validated episode match: S1E1 'Pilot'
Processing Awards:  77%|██████    | 3132/4066 [1:41:44<32:23,  2.08s/it]
Info (Award 3132): Validated episode match: S1E1 'Pilot'
Processing Awards:  77%|██████    | 3137/4066 [1:41:52<27:28,  1.77s/it]
Info (Award 3137): Validated episode match: S5E16 'The Last Call'
Processing Awards:  77%|██████    | 3150/4066 [1:42:16<28:54,  1.89s/it]
Saving intermediate results at index 3149 (Loop index: 3149)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  78%|██████▏   | 3166/4066 [1:42:45<26:28,  1.77s/it]
Info (Award 3166): Validated episode match: S3E8 'The Book of Nora'
Processing Awards:  78%|██████▏   | 3172/4066 [1:42:59<30:11,  2.03s/it]
Info (Award 3172): Validated episode match: S2E16 'Canasta Masta'
Processing Awards:  78%|██████▏   | 3178/4066 [1:43:11<29:02,  1.96s/it]
Info (Award 3178): Validated episode match: S5E5 'Welcome to the Art of Negotiation'
Processing Awards:  78%|██████▏   | 3187/4066 [1:43:26<25:52,  1.77s/it]
Info (Award 3187): Validated episode match: S4E11 'Unidentified Funk'
Processing Awards:  78%|██████▏   | 3188/4066 [1:43:29<28:58,  1.98s/it]
Info (Award 3188): Validated episode match: S2E4 'Oh God, Yes'
Processing Awards:  78%|██████▏   | 3191/4066 [1:43:34<27:13,  1.87s/it]
Info (Award 3191): Validated episode match: S1E1 'We Just Decided To'
Processing Awards:  79%|██████▎   | 3193/4066 [1:43:38<26:28,  1.82s/it]
Info (Award 3193): Validated episode match: S3E5 'Oh Shenandoah'
Processing Awards:  79%|██████▎   | 3200/4066 [1:43:52<31:34,  2.19s/it]
Saving intermediate results at index 3199 (Loop index: 3199)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Warning (Award 3200): LLM matched title 'Finale' not found in episode lookup (Cleaned: 'finale'). Trying next match.
Info (Award 3200): No verifiable episode match found in LLM response list: [{'title': 'Finale', 'season': 9, 'episode':
23}]
Processing Awards:  79%|██████▎   | 3201/4066 [1:43:54<32:34,  2.26s/it]
Info (Award 3201): Validated episode match: S2E22 'Casino Night'
Processing Awards:  79%|██████▎   | 3203/4066 [1:43:58<31:06,  2.16s/it]
Info (Award 3203): Validated episode match: S4E9 'Dinner Party'
Processing Awards:  79%|██████▎   | 3204/4066 [1:44:00<30:01,  2.09s/it]
Warning (Award 3204): LLM matched title 'Finale' not found in episode lookup (Cleaned: 'finale'). Trying next match.
Info (Award 3204): No verifiable episode match found in LLM response list: [{'title': 'Finale', 'season': 9, 'episode':
23}]
Processing Awards:  79%|██████▎   | 3205/4066 [1:44:04<39:17,  2.74s/it]
Info (Award 3205): Validated episode match: S5E13 'Stress Relief'
Processing Awards:  79%|██████▎   | 3206/4066 [1:44:06<35:45,  2.50s/it]
Info (Award 3206): Validated episode match: S3E23 'The Job'
Processing Awards:  79%|██████▎   | 3207/4066 [1:44:08<32:54,  2.30s/it]
Info (Award 3207): Validated episode match: S3E1 'Gay Witch Hunt'
Processing Awards:  79%|██████▎   | 3209/4066 [1:44:12<31:17,  2.19s/it]
Info (Award 3209): Validated episode match: S5E25 'Cafe Disco'
Processing Awards:  79%|██████▎   | 3212/4066 [1:44:18<28:38,  2.01s/it]
Info (Award 3212): Validated episode match: S4E11 'Night Out'
Processing Awards:  80%|██████▍   | 3234/4066 [1:45:01<26:29,  1.91s/it]
Warning (Award 3234): LLM matched title 'Goodbye' not found in episode lookup (Cleaned: 'goodbye'). Trying next match.
Info (Award 3234): No verifiable episode match found in LLM response list: [{'title': 'Goodbye', 'season': 6, 'episod
e': 9}]
Processing Awards:  80%|██████▍   | 3239/4066 [1:45:10<23:40,  1.72s/it]
Info (Award 3239): Validated episode match: S6E2 'Killing Time'
Processing Awards:  80%|██████▍   | 3241/4066 [1:45:14<25:06,  1.83s/it]
Info (Award 3241): Validated episode match: S4E5 'Oz'
Processing Awards:  80%|██████▍   | 3242/4066 [1:45:16<25:59,  1.89s/it]
Info (Award 3242): Validated episode match: S4E19 'Till Death Do Us Part'
Processing Awards:  80%|██████▍   | 3250/4066 [1:45:31<24:34,  1.81s/it]
Saving intermediate results at index 3249 (Loop index: 3249)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Warning (Award 3250): LLM matched title 'Germ Warfare' not found in episode lookup (Cleaned: 'germ warfare'). Trying ne
xt match.
Info (Award 3250): No verifiable episode match found in LLM response list: [{'title': 'Germ Warfare', 'season': 6, 'epi
sode': 7}]
Processing Awards:  80%|██████▍   | 3251/4066 [1:45:33<25:25,  1.87s/it]
Info (Award 3251): Validated episode match: S2E17 'Burden of Proof'
Processing Awards:  80%|██████▍   | 3252/4066 [1:45:35<25:34,  1.89s/it]
Warning (Award 3252): LLM matched title 'Small Sacrifices' not found in episode lookup (Cleaned: 'small sacrifices'). T
rying next match.
Info (Award 3252): No verifiable episode match found in LLM response list: [{'title': 'Small Sacrifices', 'season': 6,
'episode': 7}]
Processing Awards:  80%|██████▍   | 3253/4066 [1:45:37<26:29,  1.96s/it]
Info (Award 3253): Validated episode match: S2E25 'Food Chains'
Processing Awards:  80%|██████▍   | 3256/4066 [1:45:47<31:49,  2.36s/it]
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Warning (Award 3256): LLM matched title 'Final Judgment' not found in episode lookup (Cleaned: 'final judgment'). Tryin
g next match.
Info (Award 3256): No verifiable episode match found in LLM response list: [{'title': 'Final Judgment', 'season': 6, 'e
pisode': 9}]
Processing Awards:  80%|██████      | 3257/4066 [1:45:49<30:41,  2.28s/it]
Info (Award 3257): Validated episode match: S6E6 'Honor Code'
Processing Awards:  81%|██████      | 3280/4066 [1:46:32<22:05,  1.69s/it]
Info (Award 3280): Validated episode match: S6E21 'Made in America'
Processing Awards:  81%|██████      | 3281/4066 [1:46:34<23:26,  1.79s/it]
Info (Award 3281): Validated episode match: S4E13 'Whitecaps'
Processing Awards:  81%|██████      | 3282/4066 [1:46:36<23:14,  1.78s/it]
Info (Award 3282): Validated episode match: S3E11 'Pine Barrens'
Processing Awards:  81%|██████      | 3287/4066 [1:46:44<21:48,  1.68s/it]
Info (Award 3287): Validated episode match: S5E1 'Two Tonys'
Processing Awards:  81%|██████      | 3289/4066 [1:46:48<21:38,  1.67s/it]
Warning (Award 3289): LLM matched title 'College' not found in episode lookup (Cleaned: 'college'). Trying next match.
Info (Award 3289): No verifiable episode match found in LLM response list: [{'title': 'College', 'season': 1, 'episod
e': 5}]
Processing Awards:  81%|██████      | 3298/4066 [1:47:03<22:24,  1.75s/it]
Info (Award 3298): Validated episode match: S3E11 'Pine Barrens'
Processing Awards:  81%|██████      | 3299/4066 [1:47:05<22:34,  1.77s/it]
Info (Award 3299): Validated episode match: S6E18 'Kennedy and Heidi'
Processing Awards:  81%|██████      | 3300/4066 [1:47:07<22:51,  1.79s/it]
Saving intermediate results at index 3299 (Loop index: 3299)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  81%|██████      | 3301/4066 [1:47:09<22:36,  1.77s/it]
Warning (Award 3301): LLM matched title 'A Hit Is A Hit' not found in episode lookup (Cleaned: 'a hit is a hit'). Tryin
g next match.
Info (Award 3301): No verifiable episode match found in LLM response list: [{'title': 'A Hit Is A Hit', 'season': 2, 'e
pisode': 8}]
Processing Awards:  81%|██████      | 3311/4066 [1:47:29<25:41,  2.04s/it]
Info (Award 3311): Validated episode match: S6E19 'The Second Coming'
Processing Awards:  82%|██████      | 3323/4066 [1:47:51<20:19,  1.64s/it]
Info (Award 3323): Validated episode match: S6E19 'The Second Coming'
Processing Awards:  82%|██████      | 3350/4066 [1:48:47<22:21,  1.87s/it]
Saving intermediate results at index 3349 (Loop index: 3349)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  83%|██████      | 3358/4066 [1:49:03<22:04,  1.87s/it]
Info (Award 3358): Validated episode match: S1E1 'Days Gone Bye'
Processing Awards:  83%|██████      | 3360/4066 [1:49:07<21:32,  1.83s/it]
Info (Award 3360): Validated episode match: S3E16 'Welcome to the Tombs'
Processing Awards:  83%|██████      | 3361/4066 [1:49:09<22:16,  1.90s/it]
Info (Award 3361): Validated episode match: S2E1 'What Lies Ahead'
Processing Awards:  83%|██████      | 3362/4066 [1:49:11<22:26,  1.91s/it]
Info (Award 3362): Validated episode match: S1E1 'Days Gone Bye'
Processing Awards:  83%|██████      | 3393/4066 [1:50:09<20:06,  1.79s/it]
Info (Award 3393): Validated episode match: S1E22 'What Kind of Day Has It Been'
Processing Awards:  83%|██████      | 3394/4066 [1:50:11<20:34,  1.84s/it]
Warning (Award 3394): LLM matched title 'Bartlet for America' not found in episode lookup (Cleaned: 'bartlet for americ
a'). Trying next match.
Info (Award 3394): No verifiable episode match found in LLM response list: [{'title': 'Bartlet for America', 'season':
3, 'episode': 11}]
Processing Awards:  83%|██████      | 3395/4066 [1:50:13<21:34,  1.93s/it]
Info (Award 3395): Validated episode match: S2E10 'Noël'
Processing Awards:  84%|██████      | 3400/4066 [1:50:25<26:58,  2.43s/it]
Saving intermediate results at index 3399 (Loop index: 3399)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  84%|██████      | 3403/4066 [1:50:31<23:25,  2.12s/it]
Info (Award 3403): Validated episode match: S1E1 'Pilot'
Processing Awards:  84%|██████      | 3404/4066 [1:50:33<24:07,  2.19s/it]
Warning (Award 3404): LLM matched title 'Posse Comitatus' not found in episode lookup (Cleaned: 'posse comitatus'). Try
ing next match.
Info (Award 3404): No verifiable episode match found in LLM response list: [{'title': 'Posse Comitatus', 'season': 4,
'episode': 22}]
Processing Awards:  84%|██████      | 3405/4066 [1:50:35<23:18,  2.12s/it]
Warning (Award 3405): LLM matched title 'In the Shadow of Two Gunmen: Part I' not found in episode lookup (Cleaned: 'in
the shadow of two gunmen: part i'). Trying next match.
Warning (Award 3405): LLM S/E mismatch for title 'In the Shadow of Two Gunmen: Part II'. LLM: S2E3. Lookup: S2E2. Tryin
g next match.
Info (Award 3405): No verifiable episode match found in LLM response list: [{'title': 'In the Shadow of Two Gunmen: Par
t I', 'season': 2, 'episode': 2}, {'title': 'In the Shadow of Two Gunmen: Part II', 'season': 2, 'episode': 3}]
Processing Awards:  84%|██████      | 3406/4066 [1:50:38<25:11,  2.29s/it]
Info (Award 3406): Validated episode match: S4E23 'Twenty Five'
Processing Awards:  84%|██████      | 3408/4066 [1:50:42<23:25,  2.14s/it]
Info (Award 3408): Validated episode match: S4E18 'Privateers'
Processing Awards:  84%|██████      | 3411/4066 [1:50:48<21:07,  1.94s/it]
Info (Award 3411): Validated episode match: S6E1 'N.S.F. Thurmont'
Processing Awards:  84%|██████      | 3412/4066 [1:50:50<23:44,  2.18s/it]
Info (Award 3412): Validated episode match: S2E22 'Two Cathedrals'
Processing Awards:  84%|██████      | 3413/4066 [1:50:52<23:12,  2.13s/it]
Info (Award 3413): Validated episode match: S1E14 'Take This Sabbath Day'
Processing Awards:  84%|██████      | 3415/4066 [1:50:57<22:44,  2.10s/it]
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Info (Award 3415): Validated episode match: S6E18 'La Palabra'
Processing Awards:  84%|██████    | 3423/4066 [1:51:12<20:36,  1.92s/it]
Info (Award 3423): Validated episode match: S1E1 'Pilot'
Processing Awards:  84%|██████    | 3431/4066 [1:51:27<18:51,  1.78s/it]
Info (Award 3431): Validated episode match: S5E17 'The Supremes'
Processing Awards:  85%|██████    | 3436/4066 [1:51:36<17:35,  1.67s/it]
Info (Award 3436): Validated episode match: S1E1 'Pilot'
Processing Awards:  85%|██████    | 3439/4066 [1:51:41<18:08,  1.74s/it]
Info (Award 3439): Validated episode match: S2E7 'Arrivederci'
Processing Awards:  85%|██████    | 3449/4066 [1:52:01<21:26,  2.09s/it]
Info (Award 3449): Validated episode match: S2E6 'Abductions'
Processing Awards:  85%|██████    | 3450/4066 [1:52:03<21:27,  2.09s/it]
Saving intermediate results at index 3449 (Loop index: 3449)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 3450): Validated episode match: S2E4 'In the Sandbox'
Processing Awards:  85%|██████    | 3451/4066 [1:52:05<20:50,  2.03s/it]
Info (Award 3451): Validated episode match: S2E3 'Bull Elephants'
Processing Awards:  85%|██████    | 3457/4066 [1:52:18<19:17,  1.90s/it]
Info (Award 3457): Validated episode match: S1E6 'Departures'
Processing Awards:  85%|██████    | 3458/4066 [1:52:20<19:17,  1.90s/it]
Info (Award 3458): Validated episode match: S1E3 'Mysterious Monkeys'
Processing Awards:  85%|██████    | 3460/4066 [1:52:24<19:08,  1.89s/it]
Info (Award 3460): Validated episode match: S1E6 'Departures'
Processing Awards:  86%|██████    | 3488/4066 [1:53:17<18:25,  1.91s/it]
Info (Award 3488): Validated episode match: S2E7 'Arrivederci'
Processing Awards:  86%|██████    | 3490/4066 [1:53:21<18:04,  1.88s/it]
Info (Award 3490): Validated episode match: S1E3 'Mysterious Monkeys'
Processing Awards:  86%|██████    | 3500/4066 [1:53:41<16:50,  1.79s/it]
Saving intermediate results at index 3499 (Loop index: 3499)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  86%|██████    | 3501/4066 [1:53:43<16:40,  1.77s/it]
Info (Award 3501): Validated episode match: S5E4 'Transitions'
Processing Awards:  87%|██████    | 3525/4066 [1:54:25<15:49,  1.75s/it]
Info (Award 3525): Validated episode match: S3E20 'Goodbye'
Processing Awards:  87%|██████    | 3526/4066 [1:54:27<16:34,  1.84s/it]
Info (Award 3526): Validated episode match: S3E20 'Goodbye'
Processing Awards:  87%|██████    | 3527/4066 [1:54:29<16:49,  1.87s/it]
Info (Award 3527): Validated episode match: S2E2 'Our Miss White'
Processing Awards:  87%|██████    | 3531/4066 [1:54:36<16:01,  1.80s/it]
Info (Award 3531): Validated episode match: S3E20 'Goodbye'
Processing Awards:  87%|██████    | 3532/4066 [1:54:38<17:17,  1.94s/it]
Info (Award 3532): Validated episode match: S2E15 'Square Dance'
Processing Awards:  87%|██████    | 3536/4066 [1:54:45<15:38,  1.77s/it]
Info (Award 3536): Validated episode match: S2E7 'Coda'
Processing Awards:  87%|██████    | 3550/4066 [1:55:15<17:22,  2.02s/it]
Saving intermediate results at index 3549 (Loop index: 3549)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  87%|██████    | 3553/4066 [1:55:20<15:45,  1.84s/it]
Info (Award 3553): Validated episode match: S6E13 'Agua Mala'
Processing Awards:  87%|██████    | 3554/4066 [1:55:22<15:57,  1.87s/it]
Info (Award 3554): Validated episode match: S6E2 'Drive'
Processing Awards:  88%|██████    | 3560/4066 [1:55:34<16:54,  2.01s/it]
Info (Award 3560): Validated episode match: S8E15 'Deadalive'
Processing Awards:  88%|██████    | 3561/4066 [1:55:36<16:46,  1.99s/it]
Info (Award 3561): Validated episode match: S7E14 'Theef'
Processing Awards:  88%|██████    | 3562/4066 [1:55:38<16:56,  2.02s/it]
Info (Award 3562): Validated episode match: S6E15 'Arcadia'
Processing Awards:  88%|██████    | 3563/4066 [1:55:41<19:03,  2.27s/it]
Info (Award 3563): Validated episode match: S3E22 'Quagmire'
Processing Awards:  88%|██████    | 3564/4066 [1:55:43<18:46,  2.24s/it]
Info (Award 3564): Validated episode match: S2E18 'Fearful Symmetry'
Processing Awards:  88%|██████    | 3565/4066 [1:55:50<30:58,  3.71s/it]
Info (Award 3565): Validated episode match: S1E20 'Darkness Falls'
Processing Awards:  88%|██████    | 3566/4066 [1:55:53<27:17,  3.27s/it]
Info (Award 3566): Validated episode match: S5E1 'Redux'
Processing Awards:  88%|██████    | 3568/4066 [1:55:56<21:12,  2.56s/it]
Info (Award 3568): Validated episode match: S6E3 'Triangle'
Processing Awards:  88%|██████    | 3569/4066 [1:55:58<19:42,  2.38s/it]
Info (Award 3569): Validated episode match: S3E5 'The List'
Processing Awards:  88%|██████    | 3570/4066 [1:56:00<18:32,  2.24s/it]
Info (Award 3570): Validated episode match: S3E9 'Nisei'
Processing Awards:  88%|██████    | 3576/4066 [1:56:13<19:23,  2.37s/it]
Info (Award 3576): Validated episode match: S3E12 'War of the Coprophages'
Processing Awards:  88%|██████    | 3578/4066 [1:56:17<17:38,  2.17s/it]
Info (Award 3578): Validated episode match: S2E5 'Duane Barry'
Processing Awards:  88%|██████    | 3579/4066 [1:56:19<18:33,  2.29s/it]
Info (Award 3579): Validated episode match: S2E14 'Die Hand Die Verletzt'
Processing Awards:  88%|██████    | 3581/4066 [1:56:24<18:47,  2.32s/it]
Info (Award 3581): Validated episode match: S8E2 'Without'
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Processing Awards:  88%|█████    | 3596/4066 [1:56:57<16:45,  2.14s/it]
Info (Award 3596): Validated episode match: S11E3 'Plus One'
Processing Awards:  89%|█████    | 3599/4066 [1:57:03<15:00,  1.93s/it]
Info (Award 3599): Validated episode match: S11E8 'Familiar'
Processing Awards:  89%|█████    | 3600/4066 [1:57:04<14:37,  1.88s/it]
Saving intermediate results at index 3599 (Loop index: 3599)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  89%|█████    | 3601/4066 [1:57:06<14:17,  1.84s/it]
Info (Award 3601): Validated episode match: S11E8 'Familiar'
Processing Awards:  89%|█████    | 3612/4066 [1:57:31<20:15,  2.68s/it]
Info (Award 3612): Validated episode match: S2E1 'We'll Meet Again'
Processing Awards:  89%|█████    | 3613/4066 [1:57:34<21:34,  2.86s/it]
Info (Award 3613): Validated episode match: S2E8 'First Day/Last Day'
Processing Awards:  89%|█████    | 3615/4066 [1:57:42<25:54,  3.45s/it]
Info (Award 3615): Validated episode match: S2E8 'First Day/Last Day'
Processing Awards:  89%|█████    | 3628/4066 [1:58:05<14:08,  1.94s/it]
Info (Award 3628): Validated episode match: S1E1 'Pilot'
Processing Awards:  90%|█████    | 3644/4066 [1:58:35<12:27,  1.77s/it]
Info (Award 3644): Validated episode match: S1E9 'The Trip'
Processing Awards:  90%|█████    | 3650/4066 [1:58:49<14:38,  2.11s/it]
Saving intermediate results at index 3649 (Loop index: 3649)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  90%|█████    | 3658/4066 [1:59:03<12:22,  1.82s/it]
Info (Award 3658): Validated episode match: S6E10 'Every Version of You'
Processing Awards:  90%|█████    | 3664/4066 [1:59:14<11:09,  1.67s/it]
Info (Award 3664): Validated episode match: S6E17 'The Train'
Processing Awards:  91%|█████    | 3684/4066 [2:00:00<13:27,  2.11s/it]
Info (Award 3684): Validated episode match: S1E1 'Strange Love'
Processing Awards:  91%|█████    | 3692/4066 [2:00:18<13:04,  2.10s/it]
Info (Award 3692): Validated episode match: S2E12 'Beyond Here Lies Nothin''
Processing Awards:  91%|█████    | 3700/4066 [2:00:34<12:51,  2.11s/it]
Saving intermediate results at index 3699 (Loop index: 3699)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  91%|█████    | 3703/4066 [2:00:39<10:34,  1.75s/it]
Info (Award 3703): Validated episode match: S4E1 'She's Not There'
Processing Awards:  91%|█████    | 3706/4066 [2:00:45<11:00,  1.83s/it]
Info (Award 3706): Validated episode match: S1E4 'Who Goes There'
Processing Awards:  91%|█████    | 3712/4066 [2:00:56<10:52,  1.84s/it]
Info (Award 3712): Validated episode match: S1E4 'Who Goes There'
Processing Awards:  91%|█████    | 3714/4066 [2:01:00<10:32,  1.80s/it]
Info (Award 3714): Validated episode match: S1E5 'The Secret Fate of All Life'
Processing Awards:  91%|█████    | 3715/4066 [2:01:03<12:11,  2.08s/it]
Info (Award 3715): Validated episode match: S1E4 'Who Goes There'
Processing Awards:  91%|█████    | 3719/4066 [2:01:10<10:42,  1.85s/it]
Info (Award 3719): Validated episode match: S1E3 'The Locked Room'
Processing Awards:  92%|█████    | 3734/4066 [2:01:38<09:53,  1.79s/it]
Info (Award 3734): Validated episode match: S1E5 'The Secret Fate of All Life'
Processing Awards:  92%|█████    | 3750/4066 [2:02:07<09:03,  1.72s/it]
Saving intermediate results at index 3749 (Loop index: 3749)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  93%|█████    | 3770/4066 [2:02:50<11:48,  2.40s/it]
Info (Award 3770): Validated episode match: S9E22 'Why We Gave Up Women'
Processing Awards:  93%|█████    | 3771/4066 [2:02:53<13:24,  2.73s/it]
Info (Award 3771): Validated episode match: S9E16 'Sips, Sonnets and Sodomy'
Processing Awards:  93%|█████    | 3772/4066 [2:02:55<12:28,  2.55s/it]
Info (Award 3772): Validated episode match: S8E4 'Hookers, Hookers, Hookers'
Processing Awards:  93%|█████    | 3774/4066 [2:03:00<11:22,  2.34s/it]
Info (Award 3774): Validated episode match: S4E8 'Release the Dogs'
Processing Awards:  93%|█████    | 3775/4066 [2:03:05<14:56,  3.08s/it]
Info (Award 3775): Validated episode match: S4E8 'Release the Dogs'
Processing Awards:  93%|█████    | 3776/4066 [2:03:09<16:13,  3.36s/it]
Info (Award 3776): Validated episode match: S3E12 'That Special Tug'
Processing Awards:  93%|█████    | 3777/4066 [2:03:11<15:09,  3.15s/it]
Info (Award 3777): Validated episode match: S2E16 'Can You Eat Human Flesh with Wooden Teeth?'
Processing Awards:  93%|█████    | 3788/4066 [2:03:34<08:51,  1.91s/it]
Info (Award 3788): Validated episode match: S2E16 'Betty's Baby Bump'
Processing Awards:  93%|█████    | 3792/4066 [2:03:43<09:43,  2.13s/it]
Info (Award 3792): Validated episode match: S1E1 'Pilot'
Processing Awards:  93%|█████    | 3794/4066 [2:03:47<09:50,  2.17s/it]
Info (Award 3794): Validated episode match: S1E1 'Pilot'
Processing Awards:  93%|█████    | 3798/4066 [2:03:58<11:04,  2.48s/it]
Info (Award 3798): Validated episode match: S1E1 'Pilot'
Processing Awards:  93%|█████    | 3800/4066 [2:04:04<11:37,  2.62s/it]
Saving intermediate results at index 3799 (Loop index: 3799)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  94%|█████    | 3813/4066 [2:04:30<08:25,  2.00s/it]
Info (Award 3813): Validated episode match: S1E2 'The Box and the Bunny'
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Processing Awards:  94%|██████████    | 3815/4066 [2:04:34<08:03,  1.93s/it]
Info (Award 3815): Validated episode match: S2E6 'Something Wicked This Way Comes'
Processing Awards:  94%|██████████    | 3820/4066 [2:04:44<07:59,  1.95s/it]
Info (Award 3820): Validated episode match: S5E1 'Morning After'
Processing Awards:  94%|██████████    | 3821/4066 [2:04:47<09:43,  2.38s/it]
Info (Award 3821): Validated episode match: S3E7 'Special Relationship'
Processing Awards:  94%|██████████    | 3823/4066 [2:04:52<09:44,  2.40s/it]
Info (Award 3823): Validated episode match: S6E5 'Chicklet'
Processing Awards:  94%|██████████    | 3824/4066 [2:04:55<10:07,  2.51s/it]
Info (Award 3824): Validated episode match: S5E10 'Inauguration'
Processing Awards:  94%|██████████    | 3825/4066 [2:04:57<10:16,  2.56s/it]
Info (Award 3825): Validated episode match: S4E10 'Election Night'
Processing Awards:  94%|██████████    | 3828/4066 [2:05:03<08:37,  2.18s/it]
Info (Award 3828): Validated episode match: S6E6 'Qatar'
Processing Awards:  94%|██████████    | 3830/4066 [2:05:07<07:48,  1.99s/it]
Info (Award 3830): Validated episode match: S6E1 'Omaha'
Processing Awards:  94%|██████████    | 3836/4066 [2:05:18<07:19,  1.91s/it]
Info (Award 3836): Validated episode match: S4E10 'Election Night'
Processing Awards:  95%|██████████    | 3843/4066 [2:05:34<08:14,  2.22s/it]
Info (Award 3843): Validated episode match: S7E4 'South Carolina'
Processing Awards:  95%|██████████    | 3848/4066 [2:05:44<07:31,  2.07s/it]
Info (Award 3848): Validated episode match: S2E5 'Helsinki'
Processing Awards:  95%|██████████    | 3850/4066 [2:05:49<08:27,  2.35s/it]
Saving intermediate results at index 3849 (Loop index: 3849)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  95%|██████████    | 3859/4066 [2:06:04<05:42,  1.65s/it]
Info (Award 3859): Validated episode match: S3E9 'Crate'
Processing Awards:  95%|██████████    | 3860/4066 [2:06:07<06:58,  2.03s/it]
Info (Award 3860): Validated episode match: S7E3 'Pledge'
Processing Awards:  95%|██████████    | 3876/4066 [2:06:40<07:46,  2.45s/it]
Info (Award 3876): Validated episode match: S4E4 'The Three Coolers'
Processing Awards:  95%|██████████    | 3880/4066 [2:06:48<06:10,  1.99s/it]
Info (Award 3880): Validated episode match: S4E6 'Excellent Treasures'
Processing Awards:  96%|██████████    | 3889/4066 [2:07:04<05:08,  1.74s/it]
Info (Award 3889): Validated episode match: S3E1 'The Prisoner'
Processing Awards:  96%|██████████    | 3890/4066 [2:07:07<06:19,  2.15s/it]
Info (Award 3890): Validated episode match: S2E1 'Resurrection'
Processing Awards:  96%|██████████    | 3891/4066 [2:07:10<07:18,  2.51s/it]
Info (Award 3891): Validated episode match: S5E9 'A Weekend at Morrigan Manor'
Processing Awards:  96%|██████████    | 3892/4066 [2:07:13<07:18,  2.52s/it]
Info (Award 3892): Validated episode match: S5E10 'Exit Interview'
Processing Awards:  96%|██████████    | 3893/4066 [2:07:15<06:57,  2.41s/it]
Info (Award 3893): Validated episode match: S4E4 'The Night Market'
Processing Awards:  96%|██████████    | 3900/4066 [2:07:28<05:15,  1.90s/it]
Saving intermediate results at index 3899 (Loop index: 3899)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  96%|██████████    | 3903/4066 [2:07:34<05:23,  1.98s/it]
Info (Award 3903): Validated episode match: S4E5 'Private School'
Processing Awards:  96%|██████████    | 3916/4066 [2:08:01<05:36,  2.24s/it]
Info (Award 3916): Validated episode match: S1E2 'Birthday Boy'
Processing Awards:  96%|██████████    | 3918/4066 [2:08:06<05:30,  2.24s/it]
Info (Award 3918): Validated episode match: S2E11 'Exposure'
Processing Awards:  97%|██████████    | 3941/4066 [2:08:53<04:39,  2.24s/it]
Info (Award 3941): Validated episode match: S1E1 'Pilot'
Processing Awards:  97%|██████████    | 3950/4066 [2:09:09<03:30,  1.82s/it]
Saving intermediate results at index 3949 (Loop index: 3949)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Info (Award 3950): Validated episode match: S4E1 'Half the Money'
Processing Awards:  98%|███████████   | 3970/4066 [2:09:55<03:06,  1.95s/it]
Info (Award 3970): Validated episode match: S3E9 'Waste Not'
Processing Awards:  98%|███████████   | 3976/4066 [2:10:07<02:59,  2.00s/it]
Info (Award 3976): Validated episode match: S1E1 'Pilot'
Processing Awards:  98%|███████████   | 3990/4066 [2:10:32<02:10,  1.71s/it]
Info (Award 3990): Validated episode match: S1E5 'Student Transfer'
Processing Awards:  98%|███████████   | 4000/4066 [2:10:50<02:05,  1.91s/it]
Saving intermediate results at index 3999 (Loop index: 3999)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards:  99%|███████████   | 4034/4066 [2:11:53<01:01,  1.92s/it]
Info (Award 4034): Validated episode match: S1E1 'Pilot'
Processing Awards:  99%|███████████   | 4035/4066 [2:11:59<01:35,  3.09s/it]
Info (Award 4035): Validated episode match: S1E12 'Ava vs. Superintendent'
Processing Awards:  99%|███████████   | 4043/4066 [2:12:13<00:40,  1.76s/it]
Info (Award 4043): Validated episode match: S1E1 'Pilot'
Processing Awards: 100%|███████████   | 4050/4066 [2:12:26<00:27,  1.74s/it]
Saving intermediate results at index 4049 (Loop index: 4049)...
Intermediate parsed results saved to temp_awards_parsed_matches_gpt4omini_akk.csv
Intermediate raw responses saved to temp_awards_raw_llm_responses_gpt4omini.json
Processing Awards: 100%|███████████   | 4065/4066 [2:12:53<00:01,  1.86s/it]
Info (Award 4065): Validated episode match: S3E8 'Bold, Beautiful & Blue'
```

```python
In [ ]:  # --- Final Save ---
         print("\nProcessing complete. Saving final results...")

         # --- Save Final Parsed CSV ---
         try:
             final_parsed_df = pd.DataFrame(parsed_results_list)

             # Ensure award_index types match for final merge
             awards_df['award_index'] = awards_df['award_index'].astype(int)
             final_parsed_df['award_index'] = final_parsed_df['award_index'].astype(int)

             # Merge final parsed results with the original awards dataframe
             final_merged_df = pd.merge(
                 awards_df,
                 final_parsed_df,
                 on='award_index',
                 how='left' # Keep all original awards
             )
             final_merged_df.to_csv(OUTPUT_CSV_FILE, index=False, encoding='utf-8')
             print(f"Final parsed results successfully saved to {OUTPUT_CSV_FILE}")

         except Exception as e:
             print(f"Error saving final parsed CSV results: {e}")

         # --- Save Final Raw JSON ---
         try:
             with open(OUTPUT_JSON_FILE, 'w', encoding='utf-8') as f:
                 json.dump(raw_responses_dict, f, indent=4)
             print(f"Final raw responses successfully saved to {OUTPUT_JSON_FILE}")

         except Exception as e:
             print(f"Error saving final raw JSON results: {e}")

         print("\nScript finished.")
```

```
Processing complete. Saving final results...
Final parsed results successfully saved to awards_parsed_matches_gpt4omini_akk.csv
Final raw responses successfully saved to awards_raw_llm_responses_gpt4omini.json

Script finished.
```

Data Quality Check:

1. Correct the file name: `awards_parsed_matches_gpt4omini_akk.csv` into `awards_parsed_matches_gpt4omini_all.csv`
2. Check error values: whether the show-level data are assigned correctly?

Merge results into the metadata

```python
In [ ]:  import pandas as pd

         # Load the processed award data and metadata
         award_df = pd.read_csv("awards_parsed_matches_gpt4omini_all.csv")
         meta_df = pd.read_csv("../data/raw/merged_imdb_award_meta.csv")
```

```python
In [ ]:  # === Initialize columns for award counts ===
         meta_df["episode_num_award_all"] = 0
         meta_df["season_num_award_all"] = 0
         meta_df["show_num_award_all"] = 0

         meta_df["episode_num_narrative_award"] = 0
         meta_df["season_num_narrative_award"] = 0
         meta_df["show_num_narrative_award"] = 0

         meta_df["episode_num_production_award"] = 0
         meta_df["season_num_production_award"] = 0
         meta_df["show_num_production_award"] = 0

         meta_df["episode_num_acting_award"] = 0
         meta_df["season_num_acting_award"] = 0
         meta_df["show_num_acting_award"] = 0

         # === Initialize columns for award details ===
         meta_df["episode_award_details_all"] = [[] for _ in range(len(meta_df))]
         meta_df["season_award_details_all"] = [[] for _ in range(len(meta_df))]
         meta_df["show_award_details_all"] = [[] for _ in range(len(meta_df))]

         # === Iterate through award records ===
         for _, row in award_df.iterrows():
             show = row["show"]
             year = row["year"]
             award_status = row["award_scope"]
             award_type = row["award_type"]

             # Prepare award detail dictionary
             award_info = {
                 "event": row["event"],
                 "event_detail": row["event_details"],
                 "award_category": row["award_category"],
                 "recipient_name": row["recipient_name"],
```

```python
                "recipient_role": row["recipient_role"],
                "award_type": award_type
            }

        # === Episode-level mapping ===
        if award_status == "episode-level":
            try:
                ep_info = eval(row["llm_episode_match_raw"])
                if isinstance(ep_info, list):
                    for ep in ep_info:
                        title = str(ep.get("title", "")).strip().lower()
                        matched = meta_df[
                            (meta_df["show"] == show) &
                            (meta_df["year"] == year) &
                            (meta_df["imdb_episode_title"].astype(str).str.strip().str.lower() == title)
                        ]
                        for idx in matched.index:
                            meta_df.at[idx, "episode_num_award_all"] += 1
                            meta_df.at[idx, "episode_award_details_all"].append(award_info)
                            if award_type == "Narrative":
                                meta_df.at[idx, "episode_num_narrative_award"] += 1
                            elif award_type == "Production":
                                meta_df.at[idx, f"episode_num_production_award"] += 1
                            elif award_type == "Acting":
                                meta_df.at[idx, f"episode_num_acting_award"] += 1
            except Exception as e:
                print(f"Error parsing episode-level row: {e}")
                continue

        # === Season-level mapping ===
        elif award_status == "season-level":
            matched_rows = meta_df[
                (meta_df["show"] == show) &
                (meta_df["year"] == year)
            ]
            for idx in matched_rows.index:
                meta_df.at[idx, "season_num_award_all"] += 1
                meta_df.at[idx, "season_award_details_all"].append(award_info)
                if award_type == "Narrative":
                    meta_df.at[idx, "season_num_narrative_award"] += 1
                elif award_type == "Production":
                    meta_df.at[idx, f"season_num_production_award"] += 1
                elif award_type == "Acting":
                    meta_df.at[idx, f"season_num_acting_award"] += 1

        # === Show-level mapping ===
        elif award_status == "show-level":
            matched_rows = meta_df[
                (meta_df["show"] == show)
            ]
            for idx in matched_rows.index:
                meta_df.at[idx, "show_num_award_all"] += 1
                meta_df.at[idx, "show_award_details_all"].append(award_info)
                if award_type == "Narrative":
                    meta_df.at[idx, "show_num_narrative_award"] += 1
                elif award_type == "Production":
                    meta_df.at[idx, f"show_num_production_award"] += 1
                elif award_type == "Acting":
                    meta_df.at[idx, f"show_num_acting_award"] += 1

        # === Outside-meta (skip) ===
        else:
            continue

# Save updated metadata
output_path = "updated_metadata_with_awards_all.csv"
meta_df.to_csv(output_path, index=False)
```

Merge results into the main dataset

```python
import pandas as pd

meta_df = pd.read_csv("updated_metadata_with_awards_all.csv")
main_df = pd.read_csv("../data/raw/merged_imdb_rt_award.csv")
```

```
/var/folders/t1/8k_t8b7j4nbbhz47zswhlb7m0000gn/T/ipykernel_79948/2926677364.py:5: DtypeWarning: Columns (168) have mixe
d types. Specify dtype option on import or set low_memory=False.
  main_df = pd.read_csv("../data/raw/merged_imdb_rt_award.csv")
```

```python
import dask.dataframe as dd

merge_keys = ["show", "year", "season", "episode"]
award_columns = [
    "episode_num_award_all", "episode_num_narrative_award", "episode_num_production_award", "episode_num_acting_award",
    "episode_award_details_all",
    "season_num_award_all", "season_num_narrative_award", "season_num_production_award", "season_num_acting_award",
    "season_award_details_all",
    "show_num_award_all", "show_num_narrative_award", "show_num_production_award", "show_num_acting_award",
    "show_award_details_all"
]
```

```python
main_df = dd.read_csv(
    "../data/raw/merged_imdb_rt_award.csv",
    assume_missing=True,
    dtype={
        "rt_season_all_critics_num": "object",
        "rt_season_all_audience_num": "object",
        "show": "category",
        "year": "int64",
        "season": "float64",
        "episode": "float64"
    }
)

meta_df = dd.read_csv(
    "updated_metadata_with_awards_all.csv",
    usecols=merge_keys + award_columns,
    assume_missing=True
)

merged_df = main_df.merge(meta_df, how="left", on=merge_keys)

# Reorder columns: insert award columns _after_ `imdb_show_awards_summary`
def reorder_columns(df):
    cols = df.columns.tolist()
    insert_pos = cols.index("imdb_show_awards_summary") + 1
    for col in award_columns:
        if col in cols:
            cols.remove(col)
    reordered = cols[:insert_pos] + award_columns + cols[insert_pos:]
    return df[reordered]

merged_df = merged_df.map_partitions(reorder_columns)
merged_df.compute().to_csv("merged_imdb_rt_award_all.csv", index=False)
```

In [ ]:
```python
# === Basic Data Quality Check ===
df_check = pd.read_csv("merged_imdb_rt_award_all.csv")

print(f"Total rows: {len(df_check)}")
num_dupes = df_check.duplicated().sum()
print(f"Duplicated rows: {num_dupes}")
if num_dupes > 0:
    print("Sample duplicated rows:")
    print(df_check[df_check.duplicated()].head())
```

```
/var/folders/t1/8k_t8b7j4nbbhz47zswhlb7m0000gn/T/ipykernel_79948/1306819465.py:2: DtypeWarning: Columns (183) have mixed types. Specify dtype option on import or set low_memory=False.
  df_check = pd.read_csv("merged_imdb_rt_award_all.csv")
```

```
Total rows: 25354
Duplicated rows: 4
Sample duplicated rows:
          show  season  episode   air_date  sd_div_mean_2  sd_div_mean_3  \
36  2 Broke Girls     2.0     16.0  2013-02-11    5402.280582     6811.773331
38  2 Broke Girls     2.0     16.0  2013-02-11    4067.491418     7736.069779
40  2 Broke Girls     2.0     17.0  2013-02-18    9969.825467    10083.606900
42  2 Broke Girls     2.0     17.0  2013-02-18    3492.431737     4841.885972

        sd_sum_1     sd_sum_2     sd_sum_3   sd_scaled_1  ...  \
36  21.220126  20.147415  20.624944    681.277569  ...
38  21.111746  19.206973  19.712833    677.684466  ...
40  20.717759  20.499954  21.448242    662.463076  ...
42  20.579111  19.358603  20.411090    658.004869  ...

    show_num_narrative_award  show_num_production_award  \
36                       0.0                        0.0
38                       0.0                        0.0
40                       0.0                        0.0
42                       0.0                        0.0

    show_num_acting_award  show_award_details_all  \
36                    0.0                      []
38                    0.0                      []
40                    0.0                      []
42                    0.0                      []

                                          rt_season_url  \
36  https://www.rottentomatoes.com/tv/2_broke_girl...
38  https://www.rottentomatoes.com/tv/2_broke_girl...
40  https://www.rottentomatoes.com/tv/2_broke_girl...
42  https://www.rottentomatoes.com/tv/2_broke_girl...

    rt_season_all_critics_score  rt_season_all_critics_num  \
36                          29%                          7
38                          29%                          7
40                          29%                          7
42                          29%                          7

    rt_season_all_audience_score  rt_season_all_audience_num  \
36                          74%                        100+
38                          74%                        100+
40                          74%                        100+
42                          74%                        100+

                                   rt_season_plot_summary
36  Street-wise Max (Kat Dennings) doesn't expect ...
38  Street-wise Max (Kat Dennings) doesn't expect ...
40  Street-wise Max (Kat Dennings) doesn't expect ...
42  Street-wise Max (Kat Dennings) doesn't expect ...

[4 rows x 187 columns]
```

```python
# Remove duplicated rows
df_check_dedup = df_check.drop_duplicates()

print(f"Total rows after deduplication: {len(df_check_dedup):,}")

df_check_dedup.to_csv("merged_imdb_rt_award_all_cleaned.csv", index=False)
```

```
Total rows after deduplication: 25,350
```

```python
award_columns = [
    "episode_num_award_all", "episode_num_narrative_award", "episode_num_production_award", "episode_num_acting_award",
    "episode_award_details_all",
    "season_num_award_all", "season_num_narrative_award", "season_num_production_award", "season_num_acting_award",
    "season_award_details_all",
    "show_num_award_all", "show_num_narrative_award", "show_num_production_award", "show_num_acting_award",
    "show_award_details_all"
]

# Rename the award columns with imdb_ prefix
rename_dict = {col: f"imdb_{col}" for col in award_columns}
df_check_dedup = df_check_dedup.rename(columns=rename_dict)

# Save to CSV
df_check_dedup.to_csv("merged_imdb_rt_award_all_cleaned.csv", index=False)
```

Merge 3 – Season-Level New Award Integration

Input

- `awards_parsed_matches_gpt4omini_all.csv`
- `tv_analysis_cleaned_0424.csv`

Output

- `tv_analysis_new_season_0516.csv`

New Variables Added

Season-level awards for episodes within a specific season:

- mapped_season_award_total
- mapped_season_award_narrative
- mapped_season_award_production
- mapped_season_award_acting
- mapped_season_award_details (list of award event dictionaries)

Note:

1. The original season-level award data, like "season_num_award_all", "season_num_narrative_award", "season_num_production_award", "season_num_acting_award", "season_award_details_all" are awards granted to a show's season as a whole

2. Only merged if the show-season exists in the TV metadata.

```python
import pandas as pd

awards_df = pd.read_csv("awards_parsed_matches_gpt4omini_all.csv")
tv_df = pd.read_csv("../data/tv_analysis_cleaned_0424.csv")

season_awards_df = awards_df[awards_df['award_scope'] == 'season-level'].copy()
season_awards_df['season'] = pd.to_numeric(season_awards_df['llm_season_match_raw'], errors='coerce')
season_awards_df = season_awards_df.dropna(subset=['season'])
season_awards_df['season'] = season_awards_df['season'].astype(int)

tv_df['season'] = tv_df['season'].astype(int)
tv_df['year'] = tv_df['year'].astype(int)
season_awards_df['year'] = season_awards_df['year'].astype(int)

for award_type in ['Narrative', 'Production', 'Acting']:
    col = f'is_{award_type.lower()}'
    season_awards_df[col] = (season_awards_df['award_type'] == award_type).astype(int)

agg_counts = {
    'award_index': 'count',
    'is_narrative': 'sum',
    'is_production': 'sum',
    'is_acting': 'sum'
}
season_award_counts_df = season_awards_df.groupby(['show', 'year', 'season']).agg(agg_counts).reset_index()
season_award_counts_df = season_award_counts_df.rename(columns={
    'award_index': 'mapped_season_award_total',
    'is_narrative': 'mapped_season_award_narrative',
    'is_production': 'mapped_season_award_production',
    'is_acting': 'mapped_season_award_acting'
})

def extract_award_info(row):
    return {
        'event': row.get('event'),
        'event_detail': row.get('event_details'),
        'award_category': row.get('award_category'),
        'recipient_name': row.get('recipient_name'),
        'recipient_role': row.get('recipient_role'),
        'award_type': row.get('award_type')
    }

season_awards_df['award_info_dict'] = season_awards_df.apply(extract_award_info, axis=1)

award_details_grouped_df = (
    season_awards_df.groupby(['show', 'year', 'season'])['award_info_dict']
    .apply(list)
    .reset_index()
    .rename(columns={'award_info_dict': 'mapped_season_award_details'})
)

season_award_summary_df = pd.merge(
    season_award_counts_df,
    award_details_grouped_df,
    on=['show', 'year', 'season'],
    how='outer'
)

tv_merged_df = pd.merge(tv_df, season_award_summary_df, on=['show', 'year', 'season'], how='left')

for col in [
    'mapped_season_award_total',
    'mapped_season_award_narrative',
    'mapped_season_award_production',
    'mapped_season_award_acting'
]:
    tv_merged_df[col] = tv_merged_df[col].fillna(0).astype(int)

tv_merged_df['mapped_season_award_details'] = tv_merged_df['mapped_season_award_details'].apply(
    lambda x: x if isinstance(x, list) else []
)

if 'imdb_show_award_details_all' in tv_merged_df.columns:
    cols = list(tv_merged_df.columns)
```

```
        idx = cols.index('imdb_show_award_details_all') + 1

        new_cols = [
            'mapped_season_award_total',
            'mapped_season_award_narrative',
            'mapped_season_award_production',
            'mapped_season_award_acting',
            'mapped_season_award_details'
        ]

        remaining_cols = [col for col in cols if col not in new_cols]

        reordered_cols = (
            remaining_cols[:idx] +
            new_cols +
            remaining_cols[idx:]
        )

        tv_merged_df = tv_merged_df[reordered_cols]
```

In [ ]: `tv_merged_df`

Out[ ]:

	Unnamed: 0	show	season	episode	air_date	sd_div_mean_2	sd_div_mean_3	sd_sum_1	sd_sum_2	sd_sum_3	...	mappe
0	0	2 Broke Girls	1	1.0	2011-09-19	9159.676336	4626.990287	18.665142	20.545673	21.697182	...	
1	1	2 Broke Girls	1	2.0	2011-09-26	3451.804293	7127.226694	19.733889	20.345823	17.440190	...	
2	2	2 Broke Girls	1	3.0	2011-10-03	3977.461758	5506.511934	21.559420	20.759948	19.837830	...	
3	3	2 Broke Girls	1	4.0	2011-10-10	7097.733100	3386.857917	21.267363	20.248501	19.434308	...	
4	4	2 Broke Girls	1	6.0	2011-10-24	5883.807213	6103.310464	20.229745	21.176403	21.713179	...	
...	...	...	...	...	...	...	...	...	...	...	...	
25345	25345	Young Sheldon	6	17.0	2023-04-13	7760.665316	6817.147449	19.590960	20.887157	20.608226	...	
25346	25346	Young Sheldon	6	18.0	2023-04-27	7094.330345	20983.410550	21.445242	18.311261	21.633057	...	
25347	25347	Young Sheldon	6	19.0	2023-05-04	15202.743320	4210.327883	18.789208	21.853204	21.276205	...	
25348	25348	Young Sheldon	6	20.0	2023-05-11	4492.081386	6831.200043	21.332544	20.776755	21.104032	...	
25349	25349	Young Sheldon	6	21.0	2023-05-18	6467.283243	4210.675763	18.864796	21.267983	19.416269	...	

25350 rows × 193 columns

In [ ]:
```
tv_merged_df = tv_merged_df.drop(columns=["Unnamed: 0"])
tv_merged_df.to_csv("tv_analysis_new_season_0516.csv", index=False)
```