**Email Subscription Service with n8n Forms,**

Airtable and AI (1)

What does this do?

* **Subscription Management:**  
  Users sign up via a form where they provide their email, choose a topic they’re interested in, and pick how often they want to receive fun factoids (daily, weekly, or “surprise me”). There’s also an unsubscribe form to stop the emails when needed.
* **Scheduled Sending:**  
  Every day at 9 AM, the workflow kicks off automatically. It searches an Airtable database to find active subscribers whose schedules match the current day—daily, weekly (if it’s been at least a week since their last email), or even “surprise” subscribers (with a random twist to decide if they get an email).
* **Content Generation:**  
  An AI agent gets to work by generating a fresh, unique factoid on the subscriber’s chosen topic. It makes sure the fact isn’t a repeat and might even pull in some extra details from sources like Wikipedia for added context.
* **Image Creation:**  
  To make the email more engaging, another AI creates a child-friendly illustration that goes with the factoid. The image is then resized to the perfect dimensions for the email.
* **Email Assembly and Delivery:**  
  The workflow gathers all the pieces—the factoid text, the illustration, and a custom unsubscribe link—and assembles a neat email. It then sends the email via Gmail directly to the subscriber.
* **Logging and Updates:**  
  After the email is sent, the event is logged back into Airtable (including updating the “last sent” date) to keep track of when subscribers received their factoids, ensuring the right schedule is maintained.
* **Smooth, Concurrent Processing:**  
  By using subworkflows, the system handles many emails at once. This means if one email has an issue, it won’t slow down or stop the others.