Dear Candidate,

Thank you for applying for the Backend Developer role at EzyMetrics. As part of our evaluation process, we would like you to complete the following assignment.

Task: Build a Backend for EzyMetrics Focusing on Data Integrations and Reporting

Requirements:

1. **API Service Development**:
   a. Integrate with dummy CRM and Marketing platforms.
   b. Simulate fetching lead and campaign data via dummy data.
2. **Data Storage and Processing**:
   a. Use a relational or NoSQL database to store the fetched data.
   b. Build an ETL process to transform raw data into meaningful metrics.
3. **Reporting and Alerts**:
   a. Implement an API endpoint to generate reports (PDF/CSV).
   b. Include basic email notifications for alerts when certain conditions are met.
4. **Submission**:
   a. GitHub repository link for the API.
   b. README detailing API usage and instructions.

Deadline: You have **2 days** to complete the assignment.

Submission Link: https://forms.office.com/r/swwEybxxKt

We look forward to your submission!