Document outlines an AI and IoT-driven **Energy Efficiency Optimization** project, but it doesn't specify a dataset explicitly.Here are some potential sources:

1. **Energy Consumption Data:** Public datasets from sources like government agencies (e.g., U.S. Department of Energy, India's Ministry of Power) or platforms like Kaggle can provide historical energy usage records.
2. **IoT Sensor Data:** Open datasets containing real-time readings from smart meters, industrial sensors, and residential energy monitoring systems.
3. **Climate and Weather Data:** Since energy consumption often correlates with environmental factors, datasets from sources like NASA or NOAA can help refine AI predictions.
4. **Smart Grid Performance Metrics:** Data on electricity grid performance, peak demand patterns, and load balancing strategies.
5. **Building Energy Efficiency Reports:** Databases detailing energy usage patterns across commercial or residential properties.