WEEK 3 (SANDBOX → PRODUCTION WORKFLOWS)

From Sandbox to Production: How iTech AI Workflows Can Scale
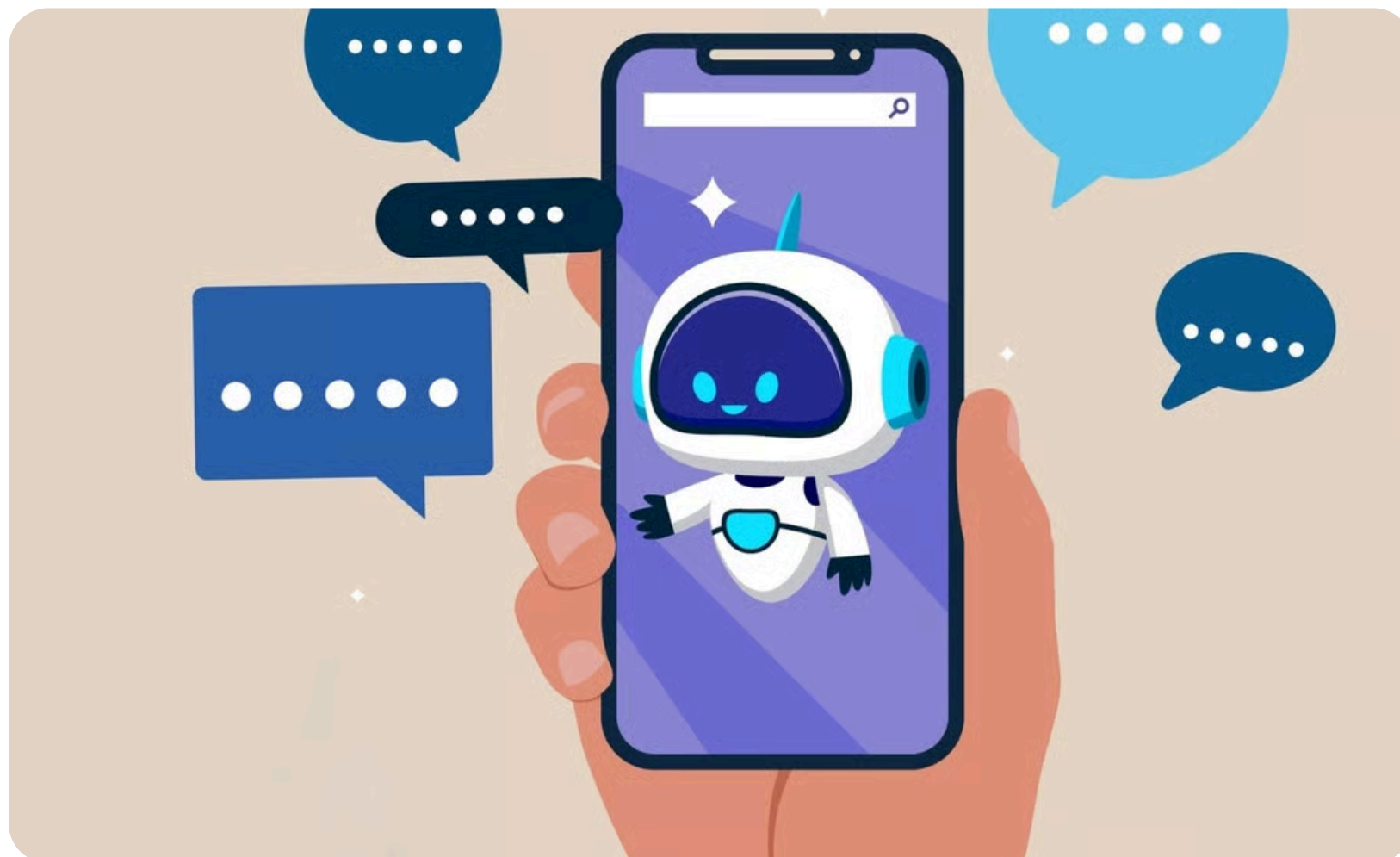
- **WhatsApp Lite AI Assistant**
- **Sales Data Engine Prototype**
- **Error Monitoring & Notifications**

WHATSAPP LITE ASSISTANT

Tech: FastAPI, Supabase, Telegram Bot API, OpenRouter LLM

01

HOW IT WORKS:

- User → Telegram → FastAPI Webhook → Supabase → LLM → Reply → Back to User

02

BUSINESS VALUE:

- Faster customer support
- Context-aware responses
- Reduces API costs with caching

Tech: n8n + Google Drive + Supabase

SALES DATA ENGINE

01

HOW IT WORKS:

Scheduled run → Fetch sales CSV → Parse & calculate VAT → Store in Supabase

02

BUSINESS VALUE:

- Automates repetitive data entry
- Ensures accuracy in financial records
- Centralizes data for reportin

ERROR MONITORING

Tech: n8n Error Trigger + Supabase + Gmail Node

01

HOW IT WORKS:

Workflow failure → Capture details → Save in Supabase → Send email notification

02

BUSINESS VALUE:

- Real-time error visibility
- Faster troubleshooting
- Scalable to all company workflows

SCALABILITY & FUTURE

01

02

03

04

ADD DASHBOARDS FOR REAL-TIME MONITORING

MULTI-CHANNEL AI ASSISTANTS (WHATSAPP, TELEGRAM, SLACK)

BI TOOL INTEGRATION FOR DEEPER ANALYTICS
.

TEAM-BASED ALERTS FOR CRITICAL WORKFLOWS

NEXT STEPS

- MOVE TO PRODUCTION

- ADD DASHBOARDS & MONITORING

- TRAIN TEAM ON WORKFLOW USAGE