

## AUTOINSIGHT LAB – SAAS FEATURE ROADMAP

### PHASE 1 — MVP (2–4 weeks)

- Goal: A stable, working analytics web app (upload → automatic visualisation) deployed on Replit.
- Upload CSV/Excel/JSON
  - Automatic data profiling
  - Automatic chart recommendations
  - Interactive chart builder
  - Correlation heatmap
  - Time-series view
  - FastAPI backend, React frontend, Tailwind UI
  - Basic security & clean UI

### PHASE 2 — PROFESSIONAL VERSION (4–8 weeks)

- Goal: Add data intelligence, ML summaries, and cloud persistence.
- User accounts & dataset storage (S3/Supabase)
  - Smart automated insight feed
  - AutoML classification/regression
  - PDF/PPTX export
  - Collaboration & sharing

### PHASE 3 — SAAS EXECUTIVE EDITION (2–3 months)

- Goal: Mature the platform into a scalable SaaS.
- Multi-tenant architecture
  - Data pipelines (Sheets, SQL, Shopify, Stripe)
  - Scheduled refresh
  - Drag-and-drop dashboards
  - Stripe billing & subscriptions
  - Public API layer

### PHASE 4 — ENTERPRISE & AI RESEARCH EDITION

- Goal: PhD-level reasoning + enterprise readiness.
- Semantic column understanding (embeddings)
  - Natural language querying
  - High-performance engine (Polars/DuckDB)
  - Governance, audit logs, GDPR tools
  - Enterprise integrations (SSO, Slack, PowerBI)

### PHASE 5 — COMMERCIAL GROWTH PLAN

- Target analysts, SMEs, hotels, healthcare
- ProductHunt launch
- Free “Try it Live” upload
- Growth loops & API billing

AutoInsight Lab becomes your flagship product powering your portfolio, job applications, and future funding pitches.