

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.