AI-powered solutions for fintech - Payment processing, lending platforms, robo-advisory.

**∂i~ƒ Data Intelligence Factory**

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*di-factory*

# AI-Powered Solutions for Fintech Innovation

# The Fintech Industry Challenge

**The race to innovate never stops**

- Customer expectations evolving at breakneck speed
- Regulatory compliance costs consuming resources
- Competition from both traditional banks and new startups
- Payment fraud increasing with digital adoption
- User acquisition costs rising dramatically
- Technical debt from rapid growth limiting agility
- Data security and privacy under constant threat

**The reality?** Fintechs must innovate faster while maintaining trust, security, and regulatory compliance.

# What if Fintech Innovation Was Predictable?

## Introducing *di-factory*

**Fixed-time, fixed-budget AI solutions for fintech**

We're not another dev shop that misses deadlines. We deliver **working solutions**.

## Our Approach: AI-First, Results-Guaranteed

- **Fixed Time Delivery**: 4-week sprints with guaranteed completion
- **Fixed Budget Guarantee**: No surprises, no scope creep, predictable costs
- **AI-Powered Development**: 24/7 development cycles with intelligent automation
- **Fintech-Native**: Solutions designed for payments, lending, wealth management
- **Security-First**: Bank-grade security and compliance built-in

# AI Solutions for Fintech

## Payment Processing & Fraud Prevention

*Secure, fast, intelligent payment experiences* - Real-time transaction fraud detection with ML - Payment routing optimization - Chargeback prediction and prevention - Account takeover detection - Behavioral biometrics and anomaly detection - Reduce fraud losses by 60% while minimizing false positives

## Lending Platforms & Credit Intelligence

*Smarter lending, better risk management* - Alternative credit scoring with non-traditional data - Automated underwriting and decisioning - Income verification and fraud detection - Loan portfolio risk monitoring - Collections optimization with ML - Dynamic pricing and risk-based offers - Approve 30% more creditworthy borrowers

## Robo-Advisory & Wealth Management

*Democratize wealth management with AI* - Automated portfolio management and rebalancing - Personalized investment recommendations - Tax-loss harvesting automation - Risk tolerance assessment - Market analysis and prediction models - Goal-based financial planning

# Digital Fintech Solutions

## Customer Experience Platforms

*Beautiful, intuitive financial experiences* - Mobile-first banking and payment apps - Personal financial management (PFM) tools - Multi-currency wallets and exchange platforms - Cryptocurrency trading and custody - Bill payment and subscription management - Peer-to-peer payment systems

## Regulatory Compliance & KYC

*Automate compliance without sacrificing speed* - Automated KYC/AML screening - Identity verification with biometrics - Transaction monitoring and SAR filing - Regulatory reporting automation - Sanctions screening and watchlist monitoring - Reduce onboarding time by 70%

## Analytics & Intelligence

*Data-driven decision making* - Customer lifetime value prediction - Churn prediction and retention modeling - Product recommendation engines - Revenue and profitability analytics - A/B testing and conversion optimization - Market intelligence and competitive analysis

# Our Core Services for Fintech

## 1. Business Consulting Companion

*From product vision to go-to-market strategy* - Product-market fit assessment - Competitive analysis and positioning - Technology stack evaluation and roadmap - Regulatory compliance strategy - Growth modeling and unit economics - Fundraising preparation and investor materials

## 2. MVP Development for Fintech Products

*Fixed 4-week sprint delivery for working products* - Payment processing platforms - Lending and credit applications - Investment and wealth management tools - Cryptocurrency and blockchain solutions - API integrations with banking infrastructure - Cloud deployment with financial-grade security

## 3. ML Models for Fintech Intelligence

*Custom AI in 4-week sprint cycles* - Credit risk and fraud detection models - Transaction categorization and insights - Customer churn and LTV prediction - Portfolio optimization algorithms - Price optimization and dynamic pricing - Conversational AI for customer support

# Why Fintechs Choose *di-factory*

## Speed to Market

- **4-week delivery cycles** vs. 3-6 month development timelines
- Launch MVPs and iterate based on user feedback
- Stay ahead of competition and market trends

## Predictable Costs

- **Fixed-budget guarantee** eliminates burn rate uncertainty
- Critical for startups and growth-stage companies
- Transparent pricing with no hidden fees

## Reduced Risk

- Proven fintech technology stacks
- AI-enhanced development for faster delivery
- Security and compliance built into every solution
- Bank-grade infrastructure and practices

## Fintech Expertise

- Deep understanding of payments, lending, wealth tech
- Experience with financial APIs (Plaid, Stripe, etc.)
- Regulatory compliance knowledge (PSD2, KYC/AML)
- Understanding of fintech business models

# Success Metrics We Deliver

## Fraud & Risk

- 60% reduction in fraud losses
- 70% fewer false positives
- 40% improvement in credit decisioning accuracy
- 30% reduction in default rates

## Customer Acquisition & Retention

- 50% faster onboarding and account opening
- 35% reduction in customer churn
- 40% improvement in conversion rates
- 3x increase in cross-sell success
- 25% reduction in CAC

## Operational Efficiency

- 70% reduction in manual processing time
- 80% automation of compliance checks

- 50% faster transaction processing
- 60% cost reduction in customer support

## Revenue Growth

- 30% increase in approved loan volume
- 25% improvement in payment success rates
- 40% increase in customer lifetime value
- 20% growth in assets under management

# Case Study Framework

## Scenario: Digital Lending Platform Launch

**Challenge:** - Traditional credit bureaus rejecting 40% of applicants - Manual underwriting unable to scale - High fraud rates in digital-only environment - Customer acquisition costs too high

*di-factory* **Solution:**

**Phase 1 - Consulting (4 weeks)** - Product strategy and market positioning - Regulatory compliance roadmap - Technology architecture design

**Phase 2 - MVP Development (4 weeks)** - Loan application platform (web + mobile) - Automated underwriting workflow - Borrower portal and servicing

**Phase 3 - AI Enhancement (4 weeks)** - Alternative credit scoring model - Application fraud detection - Income verification automation

**Expected Results:** - 30% increase in approval rates - 70% reduction in underwriting time - 50% decrease in fraud losses - 60% automation of decision-making - Path to profitability 6 months faster

# Security & Compliance

## Financial-Grade Security

- PCI DSS compliance for payment processing
- SOC 2 Type II certified operations
- End-to-end encryption for sensitive data
- Multi-factor authentication and biometrics
- Regular security audits and penetration testing

## Regulatory Compliance

- KYC/AML automation and screening
- GDPR and data privacy compliance
- PSD2 and open banking standards
- Local financial regulations (Mexico, LATAM)
- Audit trails and reporting
- Explainable AI for lending decisions

## Cloud Infrastructure

- AWS/Azure/GCP with financial services certification
- Multi-region deployment for resilience
- 99.99% uptime SLA
- Auto-scaling for traffic spikes
- Real-time monitoring and alerting

# Engagement Models

## Startup Launch

*Get to market fast with limited runway* - MVP development and AI features (6-8 weeks) - Fixed scope with core functionality - Foundation for iteration and fundraising - **Ideal for:** Pre-seed and seed-stage companies

## Feature Sprint

*Add new capabilities rapidly* - Single feature or AI model (4 weeks) - Integrate seamlessly with existing platform - Quick value demonstration - **Ideal for:** Growth-stage fintechs

## Strategic Partnership

*Ongoing innovation and scaling support* - Dedicated development team - Rolling sprints with prioritized backlog - Strategic product and technology advisory - **Ideal for:** Series A+ companies scaling rapidly

# Sample Projects for Fintechs

## 1. Business Consulting Companion

*4-week sprints · GO/NO-GO memo your board can sign*- Digital maturity assessment across payments, lending, compliance - Regulatory alignment map (CNBV / SEC / SUGEF) - Fraud/AML program benchmark vs. industry leaders - Data infrastructure readiness diagnostic - Growth-model diagnostic

## 2. MVP Development

*4-week sprints · production-ready, your team owns the code*- Onboarding + KYC/AML flow - Lending origination + decisioning - Payments/wallet workflow - Robo-advisory front-end - Merchant-portal for BNPL

## 3. ML Models for Fintech Intelligence

*2–4 weeks per model · your data, your infra, your team learns alongside*- Credit scoring (alt-data enabled) - Real-time transaction fraud detection - Propensity + churn prediction - CAC/LTV optimization - AML anomaly detection - Coordinated model suite (6–8 weeks · 2–3 models with shared eval harness)

*Every engagement is fixed timeline, fixed scope. Code + models + docs delivered to your team. Investment sized to your data + integration reality — shared on the first call.*

# Why Now?

## The Fintech Opportunity is Massive

- **Financial inclusion** creating billion-dollar opportunities
- **Embedded finance** expanding addressable markets
- **Open banking** enabling new business models
- **Cryptocurrency** and DeFi creating new categories
- **AI breakthroughs** enabling better financial services

## Speed is Everything in Fintech

With *di-factory*, you can: - Launch your MVP before competitors - Iterate based on real user data - Scale efficiently with AI automation - Maintain compliance while moving fast

**The fintechs that ship faster will capture the market.**

# Next Steps

## Discovery Call

- 30-minute conversation to understand your vision
- Initial product and technical assessment
- Partnership fit evaluation

## Proposal Development

- Detailed scope and deliverables
- Fixed timeline and budget
- Success metrics and KPIs

## Sprint Launch

- Kickoff within 1 week
- 4-week delivery cycle
- Working product with AI capabilities

# Let's Build the Future of Finance Together

**Ready to accelerate your fintech innovation?**

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*Fixed time. Fixed budget. Real results.*