

Pine Script AI Tool: Complete Build Roadmap

Pre-Launch Phase (Weeks 1-3): Foundation & Validation

Week 1: Market Research & Competitive Intelligence

Day 1: Deep Competitor Analysis

- Create accounts on Pineify, Pine Script Wizard, and other competitors
- Document their pricing, features, and user flows with screenshots
- Join their Discord/communities to understand user complaints
- Create a spreadsheet comparing features, pricing, and gaps
- Time: 4-6 hours

Day 2: User Research & Pain Point Documentation

- Search TradingView forums for "Pine Script help" threads
- Document 50 most common Pine Script errors/questions
- Create a list of advanced features users request but can't find
- Join 5 Pine Script Discord servers and observe discussions
- Time: 5-6 hours

Day 3: Pine Script v6 Technical Deep Dive

- Review Pine Script v6 documentation changes
- Test 20 complex strategies in TradingView to understand limitations
- Document which v6 features current AI tools miss
- Create a "unique features" list your tool will offer
- Time: 4-5 hours

Day 4: Brand Identity & Positioning

- Choose 3 potential names (check domain availability)
- Create value proposition: "The only Pine Script AI that teaches you while building error-free code"
- Write 10 variations of your tagline
- Design basic logo concept using Canva or AI tools
- Time: 3-4 hours

Day 5: Landing Page Creation

- Use Framer, Carrd, or Unicorn Platform to build landing page
- Include: Hero section, 3 key benefits, pricing preview, email capture

- Add "70% of Pine Script AI users struggle with syntax errors" stat
- Implement ConvertKit or similar for email list
- Time: 4-5 hours

Day 6: Initial Traffic Generation

- Post in 3 TradingView forums about your upcoming tool (soft launch)
- Create Reddit posts in r/algotrading and r/pinescript
- Tweet about building in public with #buildinpublic
- Aim for 50-100 email signups
- Time: 3-4 hours

Day 7: Week 1 Analysis & Planning

- Analyze signup sources and user feedback
- Refine value proposition based on responses
- Plan MVP features based on highest demand
- Set goal: 200 email signups by end of week 2
- Time: 2-3 hours

Week 2: Technical Setup & MVP Planning

Day 8: Development Environment Setup

- Sign up for Cursor AI (\$20/month) or continue with your current AI coding tool
- Create GitHub repository for version control
- Set up Vercel account for hosting
- Install Node.js and necessary development tools
- Time: 2-3 hours

Day 9: Database & Authentication Setup

- Create Supabase account (free tier)
- Set up user authentication tables
- Design database schema for: Users, Scripts, Generations, Feedback
- Test basic authentication flow
- Time: 4-5 hours

Day 10: OpenAI Integration Planning

- Create OpenAI account and get API keys
- Test GPT-4 with 20 Pine Script prompts
- Document optimal prompt structures for Pine Script generation
- Calculate estimated API costs per user
- Time: 3-4 hours

Day 11: UI/UX Design

- Use v0.dev to generate UI components
- Design main dashboard layout
- Create mockups for: Code editor, AI chat interface, error checker
- Plan user flow from login to code generation
- Time: 4-5 hours

Day 12: Pricing Model Finalization

- Finalize freemium structure: 10 free generations/month
- Set premium tier: \$97/month (psychological pricing)
- Plan enterprise tier for future
- Create Stripe account for payment processing
- Time: 3-4 hours

Day 13: Content & SEO Planning

- Research 30 high-volume Pine Script keywords
- Plan 10 educational blog posts
- Create YouTube channel for Pine Script tutorials
- Outline first 5 tutorial videos
- Time: 4-5 hours

Day 14: Community Building Foundations

- Create Discord server with channels: general, pine-script-help, feature-requests
- Set up Twitter account and schedule first 20 tweets
- Plan weekly "Pine Script tip" content series
- Recruit 2-3 beta testers from email list
- Time: 3-4 hours

Week 3: MVP Core Development

Day 15: Basic Frontend Development

- Use v0.dev to create landing page components
- Build basic dashboard with Cursor AI assistance
- Implement responsive design
- Connect frontend to Supabase auth
- Time: 6-7 hours

Day 16: Pine Script Generation Engine

- Create core prompt templates for Pine Script generation
- Implement error checking logic using Pine Script v6 rules

- Test with 10 common indicator requests
- Build prompt optimization system
- Time: 6-7 hours

Day 17: Real-time Error Detection

- Develop Pine Script syntax validator
- Create error message database with fixes
- Implement real-time error highlighting
- Test with intentionally buggy code
- Time: 5-6 hours

Day 18: Educational Component

- Build "explanation mode" that breaks down generated code
- Create tooltip system for Pine Script functions
- Implement "beginner mode" with extra guidance
- Add links to relevant documentation
- Time: 5-6 hours

Day 19: User Dashboard Features

- Implement script history and favorites
- Add code versioning system
- Create "remix" feature for existing scripts
- Build export to TradingView function
- Time: 5-6 hours

Day 20: Payment Integration

- Integrate Stripe for subscriptions
- Implement usage tracking for free tier
- Create upgrade prompts at strategic points
- Test payment flow end-to-end
- Time: 4-5 hours

Day 21: Testing & Bug Fixes

- Conduct thorough testing of all features
- Fix critical bugs identified
- Optimize page load speeds
- Ensure mobile responsiveness
- Time: 5-6 hours

Launch Phase (Weeks 4-6): Beta Launch & Iteration

Week 4: Private Beta Launch

Day 22: Beta Preparation

- Create beta onboarding email sequence
- Set up Intercom or similar for support
- Prepare feedback collection system
- Record product demo video
- Time: 4-5 hours

Day 23: Beta User Onboarding

- Send invites to first 25 beta users
- Conduct 5 user onboarding calls
- Document initial reactions and issues
- Create FAQ based on questions
- Time: 5-6 hours

Day 24: Rapid Bug Fixing

- Fix top 5 bugs reported by beta users
- Improve UI based on confusion points
- Optimize Pine Script generation accuracy
- Push updates to production
- Time: 6-7 hours

Day 25: Feature Prioritization

- Analyze beta user feature requests
- Create public roadmap on Canny or similar
- Prioritize next 3 features to build
- Share roadmap with beta users
- Time: 3-4 hours

Day 26: Content Marketing Launch

- Publish first blog post: "5 Common Pine Script Errors AI Can Fix"
- Create Twitter thread about building process
- Post beta progress in relevant forums
- Upload first YouTube tutorial
- Time: 4-5 hours

Day 27: User Success Tracking

- Implement analytics to track user success
- Monitor: Generation quality, error rates, user retention

- Create weekly metrics dashboard
- Set up automated reports
- Time: 4-5 hours

Day 28: Week 4 Review & Planning

- Analyze beta metrics and feedback
- Plan public launch strategy
- Set goal: 100 paying users in first month
- Prepare launch day checklist
- Time: 3-4 hours

Week 5: Public Launch Preparation

Day 29: Advanced Features Development

- Implement multi-timeframe strategy builder
- Add backtesting integration preview
- Create strategy templates library
- Build collaborative sharing features
- Time: 6-7 hours

Day 30: SEO & Content Optimization

- Optimize landing page for target keywords
- Create 5 Pine Script tutorial pages
- Implement schema markup
- Submit sitemap to Google
- Time: 4-5 hours

Day 31: Affiliate Program Setup

- Create affiliate program structure (30% recurring)
- Set up Rewardful or similar platform
- Recruit 5 initial affiliates from beta users
- Create affiliate resource kit
- Time: 4-5 hours

Day 32: Launch Assets Creation

- Design Product Hunt assets
- Create launch day email sequence
- Prepare press release
- Design social media graphics
- Time: 5-6 hours

Day 33: Pre-Launch Outreach

- Contact 10 trading influencers
- Reach out to Pine Script communities
- Schedule 5 podcast appearances
- Prepare guest post pitches
- Time: 4-5 hours

Day 34: Final Testing & Optimization

- Stress test with 50 concurrent users
- Optimize API rate limiting
- Ensure payment flow is bulletproof
- Create system monitoring alerts
- Time: 5-6 hours

Day 35: Launch Day -1 Preparation

- Schedule all launch day posts
- Brief any team members or helpers
- Set up customer support coverage
- Prepare for traffic spike
- Time: 4-5 hours

Week 6: Public Launch & Growth

Day 36: Launch Day

- Post on Product Hunt at 12:01 AM PST
- Send launch email to list
- Post in all relevant communities
- Monitor and respond to feedback
- Time: 8-10 hours

Day 37: Launch Day Follow-up

- Thank early supporters
- Address any critical issues
- Continue community engagement
- Track conversion metrics
- Time: 6-7 hours

Day 38: Post-Launch Optimization

- Implement quick fixes based on feedback
- Optimize onboarding based on drop-off data

- A/B test pricing page
- Improve feature discovery
- Time: 5-6 hours

Day 39: Customer Success Focus

- Create video tutorials for common use cases
- Build automated onboarding emails
- Implement in-app guidance
- Set up customer success metrics
- Time: 5-6 hours

Day 40: Growth Channel Testing

- Launch Google Ads campaign (\$500 budget)
- Test Reddit ads in trading subreddits
- Create referral program
- Partner with Pine Script educators
- Time: 4-5 hours

Day 41: Content Scaling

- Hire freelance writer for Pine Script content
- Plan 20 SEO-focused articles
- Create YouTube content calendar
- Launch TikTok for trading tips
- Time: 4-5 hours

Day 42: Month 1 Review

- Analyze all metrics: users, revenue, churn
- Survey customers for NPS score
- Plan features for month 2
- Set growth targets for next month
- Time: 4-5 hours

Key Milestones & Success Metrics

30-Day Targets:

- 500 free users
- 50-100 paying customers (\$4,850-\$9,700 MRR)
- <5% churn rate
- 4.5+ star average rating
- 50+ Pine Scripts generated daily

60-Day Targets:

- 1,500 free users
- 150-300 paying customers (\$14,550-\$29,100 MRR)
- 3 major features launched
- 10+ affiliate partners
- Feature in 2+ trading publications

90-Day Targets:

- 3,000 free users
- 300-500 paying customers (\$29,100-\$48,500 MRR)
- Enterprise tier launched
- Mobile app in development
- Series of partnerships with trading educators

Daily Time Commitment Guide

Weeks 1-2: 4-6 hours/day (Research & Planning) **Weeks 3-4:** 6-8 hours/day (Development Sprint) **Weeks 5-6:** 8-10 hours/day (Launch Period) **Post-Launch:** 5-6 hours/day (Growth & Optimization)

Budget Allocation (First 90 Days)

- **Development Tools:** \$200/month (Cursor, hosting, domains)
- **AI Costs:** \$500/month (OpenAI API)
- **Marketing:** \$1,000/month (Ads, content, tools)
- **Miscellaneous:** \$300/month (Design, contractors)
- **Total:** ~\$2,000/month or \$6,000 for first 3 months

This roadmap prioritizes speed to market while ensuring quality. Each daily task is designed to be achievable, with clear outcomes that build toward your launch. The key is maintaining momentum and iterating based on real user feedback rather than perfecting features in isolation.