# Cost Estimation for Development Phase

## 1. Skill Tree Generation

- Model: GPT-4 (o4-mini) or Claude 3 Opus  
- Usage: ~150K–250K tokens/day across the team   
- Cost Estimate:  
 - GPT-4-o4-mini: ~$30  
 - Claude 3 Opus: ~$45   
- Total Estimated: $75

## 2. Employee Skill Evaluation

- Models: GPT-4-turbo   
- Usage: ~5M tokens   
- Cost Estimate:  
 - GPT-4-turbo: ~$25  
- Total Estimated: $25

## 3. Analyze Learning Progress

- Models: Claude 3 Opus or GPT-4   
- Usage: ~8M tokens   
- Cost Estimate:  
 - Claude 3 Opus: ~$60  
 - Total Estimated: $60

## 4. Monitoring Learning Progress

- Models: GPT + AWS Redshift/Bedrock or Azure ML Studio + Gemini  
- Usage: Real-time analysis and trend monitoring  
- Cost Estimate:  
 - GPT summarization: ~$30   
 - AWS Redshift / Azure ML Studio: ~$50   
- Total Estimated: $80

## Summary of Estimated Monthly Costs

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| Use Case | Estimated Monthly Cost |
| Skill Tree Generation | $75 |
| Skill Evaluation | $25 |
| Learning Progress Analysis | $60 |
| Monitoring Progress | $80 |
| Total | $240 |