

# Agentic TCO Calculator v5.0 - Complete Download Package

## How to Download Everything

All files are available as artifacts in this conversation. Follow these steps:

### Method 1: Copy from Artifacts (Easiest)

1. Click on each artifact in the conversation above
2. Click the "Copy" button in the top-right corner
3. Paste into a new file with the specified filename
4. Save to your project folder

### Method 2: Create Full Project Structure

Create these folders and files on your computer:

```
agentic-tco-calculator/  
├── src/  
│   ├── App.js           [Copy from Artifact: Calculator Code]  
│   ├── index.js         [Use template below]  
│   └── index.css         [Use template below]  
├── public/  
│   ├── index.html       [Use template below]  
│   └── staticwebapp.config.json [Use template below]  
├── docs/  
│   ├── DOCUMENTATION.md [Copy from Artifact: Documentation]  
│   ├── DEPLOYMENT_GUIDE.md [Copy from Artifact: Deployment Guide]  
│   ├── PRESENTATION_CONTENT.md [Copy from Artifact: Presentation]  
│   └── README.md         [Copy from Artifact: README]  
├── package.json         [Use template below]  
├── .gitignore           [Use template below]  
└── README.md            [Copy from Artifact: README]
```

## File Checklist

### Core Application Files

- ☐ **src/App.js** - Main calculator component
  - Artifact: "Agentic TCO Calculator - Multi-Platform"

- Size: ~700 lines
- Type: React component
- ☐ **src/index.js** - React entry point
  - Template provided below
  - Size: ~15 lines
  - Type: JavaScript
- ☐ **src/index.css** - Global styles
  - Template provided below
  - Size: ~30 lines
  - Type: CSS
- ☐ **public/index.html** - HTML template
  - Template provided below
  - Size: ~40 lines
  - Type: HTML
- ☐ **public/staticwebapp.config.json** - Azure config
  - Template provided below
  - Size: ~10 lines
  - Type: JSON
- ☐ **package.json** - NPM dependencies
  - Template provided below
  - Size: ~40 lines
  - Type: JSON

## Documentation Files

- ☐ **docs/DOCUMENTATION.md**
  - Artifact: "Agentic TCO Calculator - Documentation v5.0"
  - Size: ~12,000 words
  - Purpose: Complete methodology and validation
- ☐ **docs/DEPLOYMENT\_GUIDE.md**
  - Artifact: "Azure Deployment Guide - Step by Step"
  - Size: ~5,000 words
  - Purpose: Azure deployment instructions

## ☐ docs/PRESENTATION\_CONTENT.md

- Artifact: "Agentic TCO Calculator - Presentation Content"
- Size: ~6,000 words
- Purpose: Google Slides content (26 slides)

## ☐ README.md

- Artifact: "README - Agentic TCO Calculator v5.0"
- Size: ~3,000 words
- Purpose: Project overview and quick start

## Additional Files

### ☐ .gitignore - Git ignore rules

- Template provided below
- Size: ~20 lines
- Type: Text

### ☐ LICENSE - MIT License

- Template provided below
- Size: ~20 lines
- Type: Text

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## Required Templates

### src/index.js

```
javascript

import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

---

## src/index.css

css

```
@import 'tailwindcss/base';
@import 'tailwindcss/components';
@import 'tailwindcss/utilities';

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  margin: 0;
  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
    'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
    sans-serif;
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
}

code {
  font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
    monospace;
}

#root {
  min-height: 100vh;
}
```

---

## public/index.html

html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="theme-color" content="#000000" />
    <meta
      name="description"
      content="Platform-Specific Total Cost of Ownership Calculator for Agentic AI Implementations"
    />
    <title>Agentic TCO Calculator v5.0</title>
    <script src="https://cdn.tailwindcss.com"></script>
  </head>
  <body>
    <noscript>You need to enable JavaScript to run this app.</noscript>
    <div id="root"></div>
  </body>
</html>
```

---

## public/staticwebapp.config.json

```
json
{
  "navigationFallback": {
    "rewrite": "/index.html",
    "exclude": ["/images/*.{png,jpg,gif}", "/css/*"]
  },
  "mimeTypes": {
    ".json": "application/json"
  }
}
```

---

## package.json

```
json
```

```
{
  "name": "agentic-tco-calculator",
  "version": "5.0.0",
  "description": "Platform-Specific Total Cost of Ownership Calculator for Agentic AI Implementations",
  "private": true,
  "dependencies": {
    "react": "^18.2.0",
    "react-dom": "^18.2.0",
    "react-scripts": "5.0.1",
    "lucide-react": "^0.263.1"
  },
  "scripts": {
    "start": "react-scripts start",
    "build": "react-scripts build",
    "test": "react-scripts test",
    "eject": "react-scripts eject"
  },
  "eslintConfig": {
    "extends": [
      "react-app"
    ]
  },
  "browserslist": {
    "production": [
      ">0.2%",
      "not dead",
      "not op_mini all"
    ],
    "development": [
      "last 1 chrome version",
      "last 1 firefox version",
      "last 1 safari version"
    ]
  }
}
```

## **.gitignore**

```
# Dependencies
node_modules/
/.pnp
```

.pnp.js

# Testing

/coverage

# Production

/build

# Misc

.DS\_Store

.env.local

.env.development.local

.env.test.local

.env.production.local

npm-debug.log\*

yarn-debug.log\*

yarn-error.log\*

# IDE

.vscode/

.idea/

\*.swp

\*.swo

\*~

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## LICENSE

MIT License

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## Quick Setup (5 Minutes)

### Step 1: Create Project Folder

```
bash

mkdir agentic-tco-calculator
cd agentic-tco-calculator
```

### Step 2: Create Folder Structure

```
bash

mkdir -p src public docs
```

### Step 3: Copy Files

1. Copy **src/App.js** from the "Agentic TCO Calculator - Multi-Platform" artifact
2. Copy templates above for other files
3. Copy documentation files from respective artifacts

### Step 4: Install & Run

```
bash

npm install
npm start
```

Visit <http://localhost:3000>

### Step 5: Build for Production

```
bash
```



`npm run build`

The `build/` folder contains your production-ready app.

## What Each File Does

### Application Files

File	Purpose	Required?
src/App.js	Main calculator logic and UI	✓ Yes
src/index.js	React initialization	✓ Yes
src/index.css	Global styles	✓ Yes
public/index.html	HTML shell	✓ Yes
package.json	Dependencies	✓ Yes
staticwebapp.config.json	Azure routing	⚠ Yes (for Azure)

### Documentation Files

File	Purpose	Required?
docs/DOCUMENTATION.md	Complete methodology	📖 Recommended
docs/DEPLOYMENT_GUIDE.md	Azure setup	📖 Recommended
docs/PRESENTATION_CONTENT.md	Slides content	📖 Recommended
README.md	Project overview	📖 Recommended
LICENSE	Legal	🔴 Optional
.gitignore	Git exclusions	🔴 Optional

## Backup Strategy

### Create Complete Backup

```
bash

# Zip entire project
zip -r agentic-tco-calculator-v5.0.zip agentic-tco-calculator/

# Or tar
tar -czf agentic-tco-calculator-v5.0.tar.gz agentic-tco-calculator/
```

## Share With Team

### Option 1: GitHub

```
bash  
  
git init  
git add .  
git commit -m "Initial commit - v5.0"  
git remote add origin [your-repo-url]  
git push -u origin main
```

### Option 2: Zip File

- Share the .zip file via email/Slack/Teams
- Team extracts and runs `npm install`

### Option 3: Azure DevOps

- Push to Azure Repos
- Set up CI/CD pipeline

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## Verification Checklist

After downloading all files:

- ☐ All 6 core files created (App.js, index.js, index.css, index.html, package.json, staticwebapp.config.json)
- ☐ All 4 documentation files copied (DOCUMENTATION.md, DEPLOYMENT\_GUIDE.md, PRESENTATION\_CONTENT.md, README.md)
- ☐ Folder structure matches diagram
- ☐ `npm install` runs without errors
- ☐ `npm start` launches calculator
- ☐ Calculator loads in browser at localhost:3000
- ☐ Platform selection works
- ☐ TCO calculations accurate
- ☐ Mobile responsive (test on phone)

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## Troubleshooting

"Cannot find module 'react'"

```
bash
```

```
npm install
```

**"Port 3000 already in use"**

```
bash
```

```
PORT=3001 npm start
```

**"Build failed"**

- Check that App.js copied correctly
- Verify no syntax errors
- Run `npm install` again

**"Tailwind not loading"**

- Check index.html has Tailwind CDN script
- Or install Tailwind: `npm install -D tailwindcss`

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## Support

### Questions?

- Review the DOCUMENTATION.md for methodology
- Check DEPLOYMENT\_GUIDE.md for Azure issues
- See README.md for usage guide

### Issues?

- Verify all files copied completely
- Check file extensions (.js, .json, .md)
- Ensure no extra characters/formatting

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## Bonus: Pre-Configured Package

Want everything in one command? Use create-react-app and replace files:

```
bash
```

```
npx create-react-app agentic-tco-calculator
```

```
cd agentic-tco-calculator
```

```
# Then copy the files above
```

```
npm install lucide-react
```

```
npm start
```

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**Total Download Size:** ~50KB (code) + ~100KB (docs) = **~150KB total**

**Setup Time:** 5-10 minutes

**Dependencies:** React, Lucide React, Tailwind CSS (CDN)

**Hosting Cost:** \$0/month (Azure Free tier)

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 **You now have everything needed to deploy and document the Agentic TCO Calculator!**