






Quick Start Guide

Your Application is Ready for Deployment!

Your Manufacturer Intelligence Interface has been configured with:

-  Turborepo monorepo setup
 -  GitHub Actions CI/CD workflow
 -  Docker containerization
 -  Environment configuration
 -  Deployment scripts and documentation
-

Project Structure

```
manufacturer_intelligence_interface/
├── apps/
│   └── web/                                # Your Next.js application
│       ├── app/                          # Pages and API routes
│       ├── components/                  # React components
│       ├── lib/                         # Utilities and API client
│       ├── Dockerfile                  # Docker configuration
│       └── .env                         # Environment variables
├── .github/
│   └── workflows/
│       └── deploy.yml                  # GitHub Actions workflow
├── turbo.json                         # Turborepo configuration
├── package.json                      # Root package.json
├── deploy.sh                         # Deployment helper script
├── GITHUB_SETUP.md                   # Detailed GitHub setup guide
├── DEPLOYMENT.md                     # Deployment options guide
└── README.md                         # Project documentation
```

Next Steps (Choose Your Path)

Option 1: Deploy to Vercel (Easiest - Recommended) ⚡

1. Push to GitHub:

```
bash
cd /home/ubuntu/manufacturer_intelligence_interface
./deploy.sh
# Follow the instructions
```

2. Deploy on Vercel:

- Go to vercel.com (<https://vercel.com>)
- Click "Import Project"
- Select your GitHub repository

- Set Root Directory: `apps/web`
- Add environment variables:
 - `ABACUS_API_KEY = 2802fae65af84b98883a39078c3929dd`
 - `ABACUSAI_API_KEY = 2802fae65af84b98883a39078c3929dd`
 - Click Deploy!

Done! Your app will be live in ~2 minutes at `https://your-app.vercel.app`

Option 2: Manual GitHub Push

```
cd /home/ubuntu/manufacturing_intelligence_interface

# 1. Create a new repository on GitHub (don't initialize with README)

# 2. Add remote (replace YOUR_USERNAME)
git remote add origin https://github.com/YOUR_USERNAME/manufacturing-intelligence.git

# 3. Push to GitHub
git branch -M main
git push -u origin main

# 4. Add Secrets on GitHub:
#   Settings → Secrets → Add ABACUS_API_KEY and ABACUSAI_API_KEY

# 5. Deploy on Vercel/Netlify (see DEPLOYMENT.md)
```

Option 3: Docker Deployment

```
cd /home/ubuntu/manufacturing_intelligence_interface/apps/web

# Build
docker build -t manufacturing-intelligence .

# Run
docker run -p 3000:3000 \
  -e ABACUS_API_KEY=2802fae65af84b98883a39078c3929dd \
  -e ABACUSAI_API_KEY=2802fae65af84b98883a39078c3929dd \
  manufacturing-intelligence

# Access at http://localhost:3000
```



Environment Variables

Your API keys are already configured locally in `apps/web/.env` :

```
ABACUS_API_KEY=2802fae65af84b98883a39078c3929dd
ABACUSAI_API_KEY=2802fae65af84b98883a39078c3929dd
```

For deployment platforms, you need to add these as environment variables in their dashboard.



Important Files

File	Purpose
GITHUB_SETUP.md	Step-by-step GitHub and deployment guide
DEPLOYMENT.md	Multiple deployment options (Vercel, Netlify, AWS, Docker)
deploy.sh	Helper script for pushing to GitHub
README.md	Project documentation
turbo.json	Turborepo configuration
.github/workflows/deploy.yml	CI/CD pipeline



Test Locally

```
# Kill the current dev server
pkill -f "yarn dev"

# Navigate to the app
cd /home/ubuntu/manufacturer_intelligence_interface/apps/web

# Start dev server
yarn dev

# Or use Turborepo from root:
cd /home/ubuntu/manufacturer_intelligence_interface
yarn dev
```

Access at `http://localhost:3000`



Features Available

Your deployed application will have:

1. **Dashboard** - Overview of both pipelines
2. **Manufacturers** - Browse and search manufacturer data
3. **Products** - Browse and search product intelligence
4. **API Integration** - Real-time data from Abacus.AI
5. **Responsive Design** - Works on mobile and desktop

6. Type-Safe - Full TypeScript support

Troubleshooting

Issue: “Failed to Load Dashboard”

- Verify environment variables are set in deployment platform
- Check API key is correct
- Review application logs

Issue: Build fails

- Ensure Node.js `>= 18.0.0`
- Run `yarn install` in the project
- Check `yarn build` output for errors

Issue: Can’t push to GitHub

- Set up Personal Access Token or SSH key
- See detailed instructions in `GITHUB_SETUP.md`

Additional Resources

- **Vercel Docs:** <https://vercel.com/docs>
- **Turborepo Docs:** <https://turbo.build/repo/docs>
- **Next.js Docs:** <https://nextjs.org/docs>
- **Abacus.AI Docs:** <https://api.abacus.ai>

You’re All Set!

Your application is ready for deployment. Choose one of the deployment options above and you’ll be live in minutes!

Recommended: Start with Vercel for the easiest deployment experience.

Need help? Check the detailed guides:

- `GITHUB_SETUP.md` - For pushing to GitHub
- `DEPLOYMENT.md` - For deployment options
- `README.md` - For project documentation