🐳 Docker Quick Start Guide

Prerequisites

- Docker Desktop installed on your system
- Your AbacusAI API key (Get one here (https://abacus.ai/))

🚀 Quick Deploy (5 minutes)

Step 1: Get the Application

```
# Clone or download the application
git clone <repository-url> research_summary_app
cd research_summary_app
```

Step 2: Configure Environment

```
# Copy the environment template
cp .env.docker-example .env

# Edit with your API key
nano .env  # or use your preferred editor
```

Step 3: Set Your API Key

```
# In the .env file, replace:
ABACUSAI_API_KEY=your_actual_api_key_here
```

Step 4: Deploy

```
# Build and run
docker-compose up -d --build

# Check status
docker-compose ps
```

Step 5: Access

Open your browser to: `http://localhost:8501`

📋 Common Commands

```
# View logs
docker-compose logs -f

# Stop application
docker-compose down

# Restart application
docker-compose restart

# Update application
git pull
docker-compose down
docker-compose up -d --build
```

🔧 Troubleshooting

Port 8501 in use?

```
# Use different port
# Edit docker-compose.yml: "8502:8501"
```

Container won't start?

```
# Check logs
docker-compose logs research-app

# Verify API key
cat .env
```

Need help?
- Check the full deployment guide: `docs/deployment.md`
- Review the main README: `README.md`

🎯 What You Get

✅ **Multi-AI Models**: GPT-4, Claude, Deepseek, Llama, Mistral
✅ **Easy Upload**: BibTeX and PDF file support
✅ **Smart Summaries**: Multiple prompt templates
✅ **Quality Evaluation**: Rating and feedback system
✅ **Analytics Dashboard**: Performance insights
✅ **Data Persistence**: Your data is automatically saved

🔒 Security Notes

- Keep your `.env` file secure

- Never commit API keys to version control

- Your data stays on your machine

- Application runs in isolated container

Ready to get started? Run the 5-minute quick deploy above!