🔧 Path Duplication Fix

Issue: Routes manifest not found due to duplicate path
Commit: 5c5a37e
Date: October 4, 2025

🐛 The Problem

Your build was successful, but Vercel couldn't find the output:

```
Error: The file "/vercel/path0/apps/web/apps/web/.next/routes-manifest.json" couldn't
be found.
                              ^^^^^^^^ duplicate path!
```

🔍 Root Cause

When you set **Root Directory =** `apps/web` in Vercel settings, Vercel starts looking from that directory.

Configuration Mismatch:

Vercel Settings:
- Root Directory: `apps/web`

vercel.json (OLD):

```
{
  "outputDirectory": "apps/web/.next"
}
```

What Vercel looked for:

```
{Root Directory} / {outputDirectory}
= apps/web / apps/web/.next
= apps/web/apps/web/.next   ❌ WRONG!
```

✅ The Fix

vercel.json (NEW):

```
{
  "buildCommand": "turbo run build --filter=web",
  "outputDirectory": ".next"
}
```

What Vercel now looks for:

```
{Root Directory} / {outputDirectory}
= apps/web / .next
= apps/web/.next  ✓ CORRECT!
```

📝 Key Concept

When using **Root Directory** in Vercel:
- All paths in `vercel.json` are **relative to the Root Directory**
- If Root Directory = `apps/web`, then:
- ✅ `outputDirectory: ".next"` → looks in `apps/web/.next`
- ❌ `outputDirectory: "apps/web/.next"` → looks in `apps/web/apps/web/.next`

🔄 What Changed

Git Commit: 5c5a37e

File: `vercel.json`

```
{
  "buildCommand": "turbo run build --filter=web",
- "outputDirectory": "apps/web/.next"
+ "outputDirectory": ".next"
}
```

📊 Complete Configuration

Vercel Project Settings:

```
Settings → General → Root Directory
  Value: apps/web
  Include source files outside root: ✅ Checked
```

vercel.json:

```
{
  "buildCommand": "turbo run build --filter=web",
  "outputDirectory": ".next"
}
```

Environment Variables (REQUIRED):

```
Settings → Environment Variables
  Name: ABACUS_API_KEY
  Value: 2802fae65af84b98883a39078c3929dd
  Environments: Production, Preview, Development
```

🎯 Expected Result

After this fix and adding the environment variable:

1. ✅ Build completes successfully
2. ✅ Output directory `.next` is found at correct path
3. ✅ Routes manifest located
4. ✅ Deployment completes
5. ✅ App loads at your Vercel URL
6. ✅ Both pipelines display correctly

🚀 Deployment Steps

Automatic:

Vercel should automatically deploy commit `5c5a37e` from GitHub.

Manual:

1. Go to: https://vercel.com/tindeveloper/manufacturer-intelligence-interface-web
2. Click **Deployments** tab
3. Find deployment for commit: `5c5a37e`
4. Click "..." → **Redeploy**

📚 Related Documentation

- `VERCEL_TURBOREPO_SETUP.md` - Complete Turborepo setup guide
- `QUICK_FIX_GUIDE.md` - Initial configuration steps
- `FINAL_STATUS_REPORT.md` - Project status overview

✅ Status After Fix

Component	Status
Build Process	✅ Working
Output Directory Path	✅ Fixed (commit 5c5a37e)
Root Directory Setting	✅ Configured
vercel.json	✅ Updated
Environment Variable	⏳ Needs to be added

This fix resolves the path duplication issue caused by Root Directory + outputDirectory configuration mismatch.