Full Folder Structure: Churn Dashboard

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churn-dashboard/                     - Project root (React + Flask)
  .gitignore                         - Git ignore rules
  package.json                       - React frontend dependencies
  package-lock.json                  - React lock file

  api-backend/                       - Flask backend for churn prediction
    churn_prediction_model.py        - Model processing script
    churn_api/
      Dockerfile                     - Container config
      requirements.txt               - Python dependencies
      run_this.py                    - Main Flask server
      train_model.py                 - ML training script

  build/                             - Compiled frontend
    static/                          - Static assets

  data/                              - CSV data
    churn_data.csv                   - Dataset for model

  node_modules/                      - React packages

  public/                            - Static React files
    index.html                       - React root HTML

  src/                               - React frontend source code
    App.js                           - Main layout & routing
    api.js                           - Axios API calls to Flask
    ChartComponent.js                - Churn prediction chart
    CsvDownload.js                   - Download results as CSV
    CsvUpload.js                     - Upload CSV for batch prediction
    GPTInsights.js                   - ChatGPT insight display UI
    Sidebar.js                       - Sidebar navigation
    index.js                         - Renders App to DOM
    styles.css                       - Global styles

    components/                      - UI and dashboard components
      BatchPrediction.js             - Batch prediction display
      ChartCard.js                   - Metric-based chart display
      ChurnMap.js                    - Churn rate by region map
      ClusterScatterChart.js         - Clustered customer segments chart
      ExcelUploader.js               - Upload Excel/CSV
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    LoginPage.js                   - Login interface
    SidebarCard.js                 - Sidebar section card


server/                            - ChatGPT backend (OpenAI integration)
  app.py / index.js                - GPT proxy server (Flask/Node)
  utils/                           - Helpers for formatting prompts, managing keys


Project Documents/                 - Notes, slides, planning files
```