About

This project focuses on data visualization by developing an interactive dashboard for portfolio performance and attribution using Power BI. The dataset includes portfolio and benchmark index data, originally derived from the performance of a student-run investment fund but modified due to data privacy.

Key Components:

- Data Processing: Performed using Excel and Power Query.
- Calculations & Analysis: Implemented using DAX, including the Brinson attribution model for performance attribution.
- Dashboard Structure: The dashboard consists of four main pages:
 - 1. Summary Overview of portfolio performance.
 - 2. Equity Analysis Attribution analysis for equity holdings.
 - 3. Fixed Income Analysis Performance breakdown of fixed-income assets.
 - 4. Risk Analysis Assessment of portfolio risks.

Limitations & Future Improvements:

- Data Limitations: The dataset spans only nine months, with data available at a monthly frequency, which restricts risk measurement capabilities.
- Scope: The dataset includes only Canadian equity and fixed-income assets.
 Future enhancements could incorporate additional asset and a longer time horizon for more comprehensive analysis.

Dashboard Views







