**Power BI Training Programme**

**Child Health Research Foundation (CHRF)**

**Week 1: Introduction to Power BI**

* Overview of Power BI and its components
* Understanding the Power BI ecosystem
* Understanding Power BI Workspace
* Understanding Power BI in CHRF

**Week 2: Getting started with Power BI Desktop**

* Getting started with Power BI Desktop
* Importing and connecting to data sources
* Building a simple data model
* Creating basic visualizations

**Week 3: Advanced Data Modeling in Power BI**

* Understanding relationships in Power BI
* Creating and managing relationships between tables
* Working with calculated columns and measures
* Introduction to DAX (Data Analysis Expressions)
* Implementing advanced data modeling techniques

**Week 4: Data Transformation and Query Editor**

* Introduction to Query Editor in Power BI
* Importing, cleaning, and transforming data using Query Editor
* Applying data shaping and data type transformations
* Handling missing data and duplicates
* Using advanced Query Editor functionalities

**Week 5: Advanced Visualizations and Interactions**

* Creating interactive visualizations in Power BI Desktop
* Formatting and customizing visuals
* Utilizing advanced visualizations (e.g., matrices, cards, maps)
* Applying filters, slicers, and drill-through actions
* Creating interactive dashboards and reports

**Week 6: Power BI Data Analysis and Reporting**

* Introduction to Power BI service
* Sharing and publishing reports to Power BI service
* Collaborating and collaborating with others in Power BI service
* Creating and managing data-driven alerts and subscriptions
* Using natural language queries and Q&A feature

**Week 7: Remaking the Phage Dashboard**

**Week 8: Practice, review and closing.**