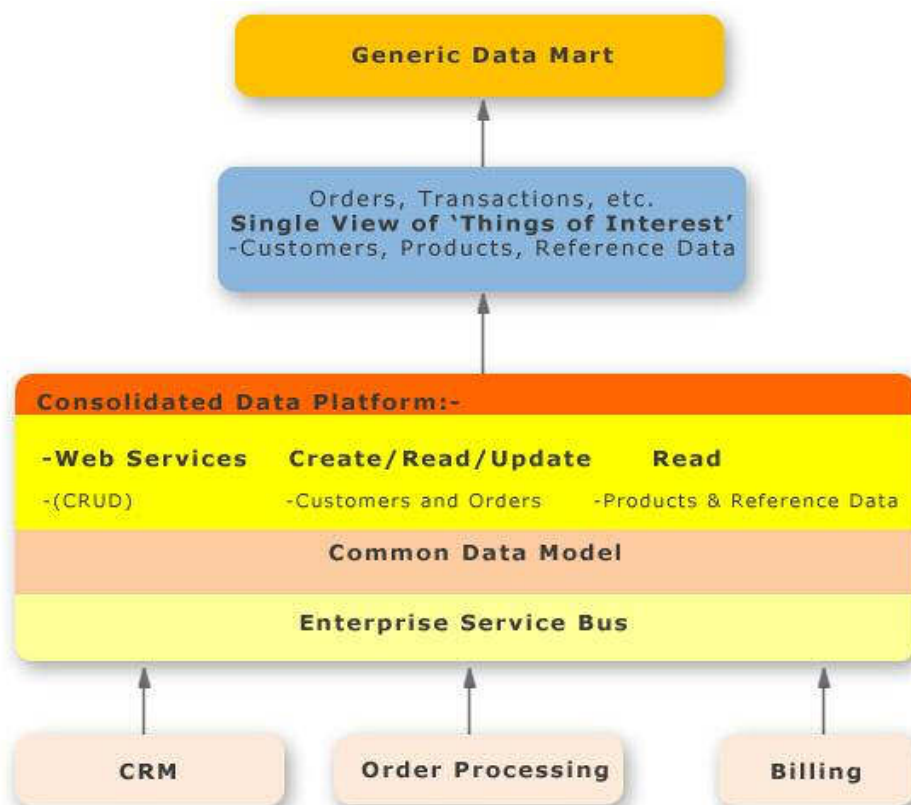## CV for Barry WILLIAMS – Data Architect

1. Profile

- Barry is a well-rounded individual who can be both a team-player and a team-leader.

- He takes a very serious attitude to his work and takes pride in always delivering on time.

- Here is a sample of thanks from some Blue-Chip Clients :-
  - http://www.databaseanswers.org/clients.htm

- and Letters of Appreciation dating from 1988 :-
  - http://www.databaseanswers.org/letters/index.htm

- He has many years experience as a **Data Architect** in both the public and private sectors.

- He has been invited to present Papers at major **Conferences** on a range of topics, including :-
  - Master Data Management and Reference Data, Data Quality and Data Standards

- He has just completed putting in place **Best Practice at the Ministry of Defence** for a new Data Centre of Excellence covering Data Architecture including Data Warehousing, Modelling, Data Quality, Master Data Management and Reference Data

- He has worked closely with business users and conducted Facilitated Workshops.

- He maintains a Web Site with a page devoted to **Data Warehousing** :-
  - http://www.databaseanswers.org/data_warehouse/index.htm

- He also has a page listing over 700 Data Models he makes available:-
  - http://www.databaseanswers.org/data_warehouse/index.htm

- **Consulting for Microsoft (US)**
- Barry has done consulting work for Microsoft in the US in Best Practice for Data Management.
- He has **his own page on the Microsoft Web Site** :-
  - http://www.microsoft.com/sqlserver/2005/en/us/express-starter-schemas.aspx

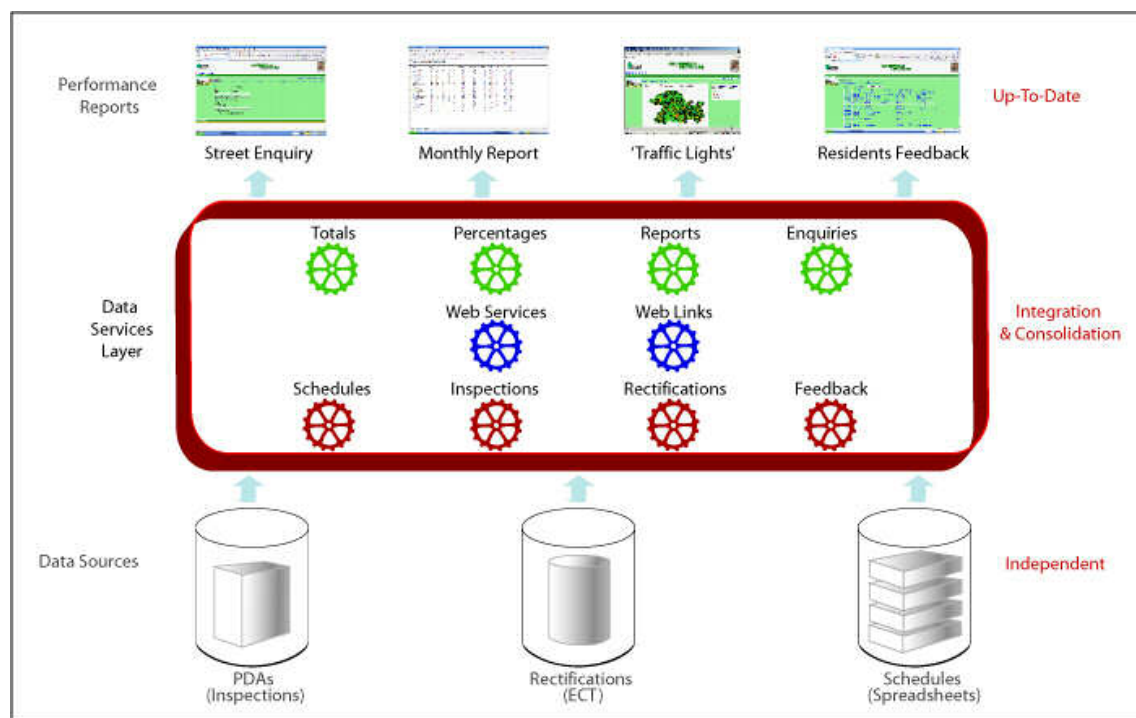He is given credit as the Author at the bottom of the page.

2. Data Platform

Barry designed this **Data Architecture** which builds on a Common Data Model to populate a Data Mart.

3. SOA Architecture

Barry developed this Architecture at the London Borough of Ealing which created a Data Warehouse to produce BI KPIs and Reports.

4. Qualifications and Products

Qualifications : B.Sc. Honours Mathematics, (Leeds University)
RDBMS : Oracle, SQL Server, Sybase, CA-Ingres and Access.
Data Modelling : ERWin, Oracle Designer, Dezign and PowerDesigner DataArchitect.

5. Clients since 1993

Start Date	Duration	Client Name	Role
Aug 10	current	Ministry of Defence	Data Architect
Apr 10	5 months	Database Answers Ltd.	Data Architect
Oct 09	6 months	HM Revenue & Customs	Data Architect/Analyst
Jan 09	9 months	Microsoft (US)	Data Architect
Sept 08	3 months	PriceWaterhouseCoopers	Data Architect/Analyst
July 05	3 years	London Borough of Ealing	Data Architect
Oct 04	7 months	London Borough of Haringey	Data Analyst/Data Modeller
Apr 04	6 months	Credit Suisse Bank.	Data Analyst/Data Modeller
Sept 03	6 months	Cisco Systems Ltd.	Data Analyst
Jan 03	8 months	United Nations	Data Analyst
Jan 01	2 years	Centrica, (AA, British Gas, etc.)	Data Analyst & Data Modeller
Dec 99	1 year	Rubus Ltd.	Data Analyst
July 99	6 months	Bank of Malaysia	Data Migration Analyst
July 98	1 year	National Power, Swindon	Data Modeller/Analyst
Oct 97	9 months	Bank of Malaysia	Data Migration Analyst
Feb 97	8 months	Barclays Bank	Data Migration Analyst
Mar 96	8 months	Salomon Smith Barney Bank	DBA
Nov 95	6 months	RaboBank, Holland	Data Modeller
May 95	6 months	Hambros Bank	DBA
May 94	1 year	Barclays Bank	Database Designer & DBA.
May 93	1 year	Vodafone	Database Designer.

6. Details of Assignments

Aug 10 Current   Ministry of Defence   Data Architect
- Putting in place Best Practice for a new Data Centre of Excellence covering Data Architecture, Data Warehousing, Data Modelling, Data Migration and so on.

Apr 10 July 10   Database Answers Ltd.   Data Architect
- Establishing Best Practice for Enterprise Data Management, covering Data Warehousing, Data Architecture etc.

Oct 09 – March 10   HM Revenue & Customs   Data Architect / Analyst
- Created Data Models, worked on ETL, Data Quality, Data Migration and Data Management.

Jan 09 – Sept 09   Microsoft (US)   Data Architect
- Barry continued his previous work for Microsoft in the States.
- He produced a Best Practice Road Map for Enterprise Data Management.

Sept 08 – Dec 08   PriceWaterhouseCoopers   Data Architect / Analyst
- Created a **Data Architecture** to integrate data from backend processes into a Data Warehouse.

July 05 – August 08   London Borough of Ealing   Data Architect
- Created a Data Architecture to support a 'Single View of the Customer'
- Designed an Enterprise Data Model and 50 Models for specific Applications
- Designed Data Integration.to support Data Warehouses.

6. Details of Assignments

Oct 04 – May 05   **London Borough of Haringey**   **Data Analyst /Modeller**
- Created complete Framework for Data Migration to Corporate Data Warehouse and Data Marts.
- Created an **Enterprise Conceptual Data Model** to integrate the Top 20 Applications.

April 04 – Sept 04   **Credit Suisse Bank**   **Data Analyst /Modeller**
- Created Data Models to analyse loading of over 200 Files into a **Datawarehouse.**
- **Created Data Models** to analyse timings for loading 200 Global Data Migration Files.

Oct 03 – Mar 04   **Cisco Systems Ltd.**   **Data Analyst**
- Created Data Models to migrate data from 15 Countries into one Datawarehouse.
- Developed ETL in **Oracle** to migrate data from 15 Countries to a **Data Warehouse**.

Jan 03 –Sept 03   **United Nations**   **Data Analyst**
- Designed an ICT Toolkit to support Best Practice and Global Reporting across the UN.

Jan 01 –Dec 02   **Centrica Ltd., (the AA, British Gas, etc.)**   **Data Analyst**
- Data Analyst / Architect and DW Designer in the corporate Data Management Group.
- Designed a **'Single View of the Customer'**.

Dec 99 –Dec 00   **Rubus Ltd.**   **Data Analyst**
- Data Architecture, Data Migration, Database Design and Review for major Clients.

July 99 –Dec 99   **Bank of Malaysia**   **Data Migration Analyst**
- Designed a Data Migration Architecture to report Key Performance Indicators,('**KPIs**').

July 98 –Jun 99   **National Power**   **Data Modeller/Analyst**
- Created **15 Data Models of Oracle Designer** of Databases for Y2K-Compliance.

Oct 97 –Jun 98   **Bank of Malaysia**   **Data Migration Analyst**
- **Data Analysis** for mapping of all sources of Data to an integrated Data Architecture.

Feb 97 –Oct 97   **Barclays Bank Life Assurance Co. Ltd.**   **Data Migration Analyst**
- Designing a Data Architecture to migrate Data to Customer-facing Systems over an Intranet.

Mar 96 –Dec 96 **Salomon Smith Barney Bank, London**   **DBA**
- Senior DBA and created **Intranet-based Best Practice** for other DBAs in USA.

Nov 95 -Mar 96   **RaboBank, Holland.**   **Data Modeller**
- Designed a **Generic Data Model** for a Global Risk Management System.

May 95 -Nov 95   **Hambros Bank, UK.**   **Data Analyst & DBA.**
- Provided Technical Consultancy on performance of a production Database.

May 94 -Apr 95   **Barclays Bank Group Headquarters.**   **Data Analyst & DBA.**
- Designed a Data Warehouse for a new Consolidated Global Financial Reporting System.