

DIGI<sup>BY</sup>  
SR

# DigiBySR

WE MAKE IT HAPPEN



## About Us

We at DigiBySR, are a New Delhi, India-based digital agency filled with ambitious, driven, and talented professionals. We are a pan-global outsourcing partner to companies with digital needs. We are here to help you scale your business by ensuring quality, timeliness, and cost efficiency. At DigiBySR, we love our work and we take pride in it.

<https://digibysr.com/>



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# SERVICES



Web Design & Development



Web Hosting



Web Maintenance



Data Management



Digital Marketing & Branding

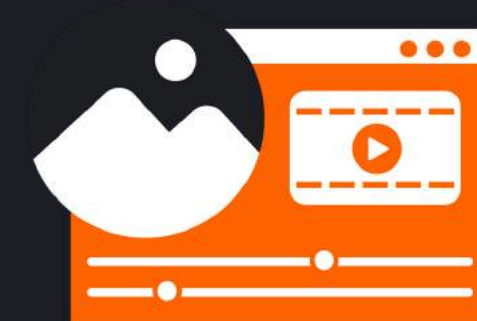


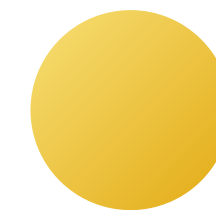
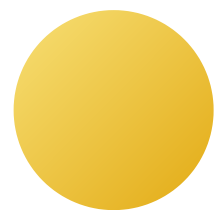
Photo & Video Editing

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# Case Study DigiBySR

DATA REPORTING





# **PROTECTIVE SERVICES INDUSTRY**



# Background

A leading global company in protective services has a large legacy ERP system that contains a wealth of data about its operations. However, the data in this system is not easily accessible or usable for reporting purposes.





# OBJECTIVES

The objective of this project was to build a reporting infrastructure that would allow the company to easily access and use the data in its legacy ERP system for reporting purposes. The specific objectives of the project were to:

01

Build a reporting infrastructure that would allow the company to generate required set of reports.

02


Use MySQL as the primary data source for the reporting infrastructure.

03

Use Power BI as the business intelligence tool for the reporting infrastructure.

04

Build a Power BI site and online solution for the reporting infrastructure.





# SOLUTION

The following solution was implemented to meet the objectives of the project:

01

A MySQL database was created to store the data from the legacy ERP system.

02

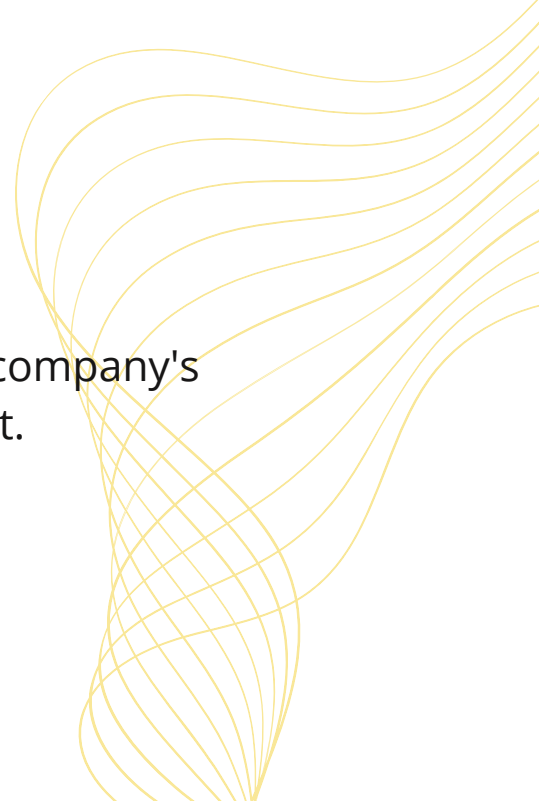
Power BI was used to build reports against the MySQL database.

03

A Power BI site was created to host the reports.

04

The Power BI site was made accessible to company's employees through the company's intranet.

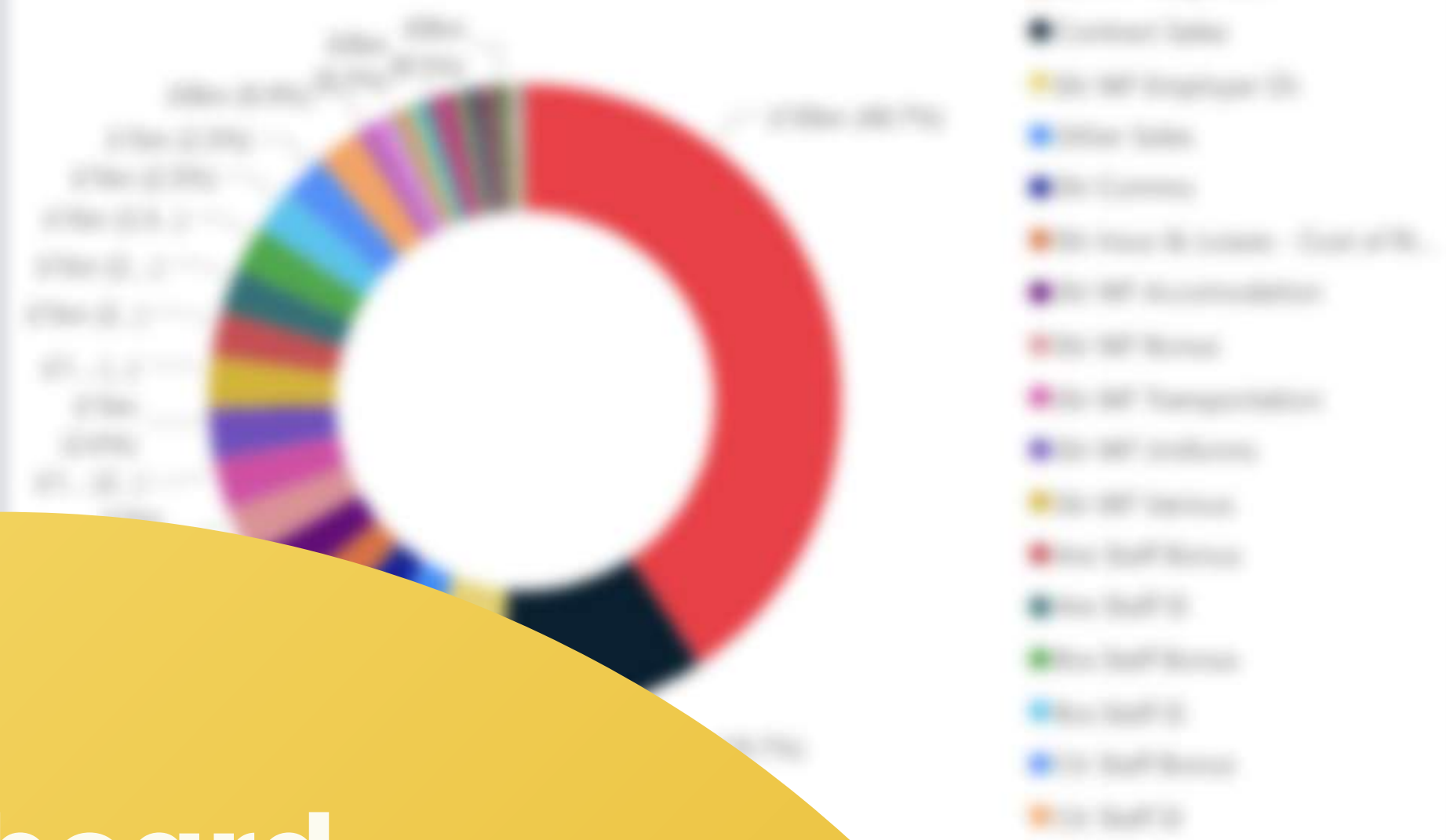




Actual Budget by Main Group



Actual Budget by Sub-Group



# Dashboard

\* due to privacy policy, the resultants have been blurred

Actual Budget by Year



Description	Actual Budget	100 %	Budget	100 %	Prev. M Budget	100 %	Prev. month budget	100 %	YTD
<b>AREA RESULT</b>	<b>£1,032,951,101.40</b>	<b>100.00%</b>	<b>£3,980,934,197.48</b>	<b>100.00%</b>	<b>£233,130,652.99</b>	<b>100.000%</b>	<b>£83,787,998.95</b>	<b>100.00%</b>	
Ave Staff Bonus	£587,354,219.85	56.86%	£2,259,716,074.31	56.76%	£137,522,999.21	58.990%	£54,650,420.80	65.22%	
Ave Staff SI	£587,354,219.85	56.86%	£2,259,716,074.31	56.76%	£137,522,999.21	58.990%	£54,650,420.80	65.22%	
Ave Other Training Chrgs	£75,908,293.33	7.35%	£293,610,458.38	7.38%	£15,457,285.41	6.630%	£4,815,256.71	5.75%	
Ave Premises	£75,908,293.33	7.35%	£293,610,458.38	7.38%	£15,457,285.41	6.630%	£4,815,256.71	5.75%	
Ave Other Depr	£107,511,115.04	10.41%	£414,141,472.89	10.40%	£17,460,256.14	7.489%	£4,504,576.27	5.38%	
Ave Staff Employer Ch	£33,129,336.24	3.21%	£127,366,044.43	3.20%	£7,771,010.05	3.333%	£4,279,328.26	5.11%	
Ave Fees	£53,382,899.93	5.17%	£202,663,955.39	5.09%	£10,942,963.60	4.694%	£4,104,510.08	4.90%	
Ave Office	£40,369,598.30	3.91%	£155,433,520.78	3.90%	£8,905,130.25	3.820%	£3,266,967.41	3.90%	
Ave Commu	£36,510,508.37	3.53%	£143,313,474.78	3.60%	£8,778,988.06	3.766%	£3,078,853.63	3.67%	
Ave IT	£36,510,508.37	3.53%	£143,313,474.78	3.60%	£8,778,988.06	3.766%	£3,078,853.63	3.67%	
Ave Trav&Exp	£51,893,552.43	5.02%	£193,610,458.38	5.19%	£6,940,471.14	2.977%	£2,938,581.22	3.51%	
Ave Various	£29,620,267.25	2.88%	£112,610,458.38	2.83%	£16,176,525.00	6.939%	£937,473.08	1.12%	
Ave Vhcls	£9,252,700.00	0.90%	£34,610,458.38	0.87%	£1,930.73	0.987%	£793,823.48	0.95%	
Ave Staff Various	£1,000,000.00	0.10%	£3,610,458.38	0.09%	£100,000.00	0.311%	£284,658.04	0.34%	
Ave Promotion	£1,000,000.00	0.10%	£3,610,458.38	0.09%	£100,000.00	0.064%	£133,549.98	0.16%	
<b>BRANCH RESULT</b>							<b>£83,787,998.95</b>	<b>100.00%</b>	
Bra Staff Bonus							£54,650,420.80	65.22%	
Bra Staff SI							£54,650,420.80	65.22%	
Bra Other Training Chrgs							£4,815,256.71	5.75%	
Bra Premises							£4,815,256.71	5.75%	
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Bra Various							£937,473.08	1.12%	
Bra Vhcls							£793,823.48	0.95%	
Bra Staff Various							£284,658.04	0.34%	
Bra Promotion							£133,549.98	0.16%	

# Report

\* due to privacy policy, the resultants have been blurred



# RESULTS

The following results were achieved as a result of the project:

01

The company now has a reporting infrastructure that allows it to easily access and use the data in its legacy ERP system for reporting purposes.

02

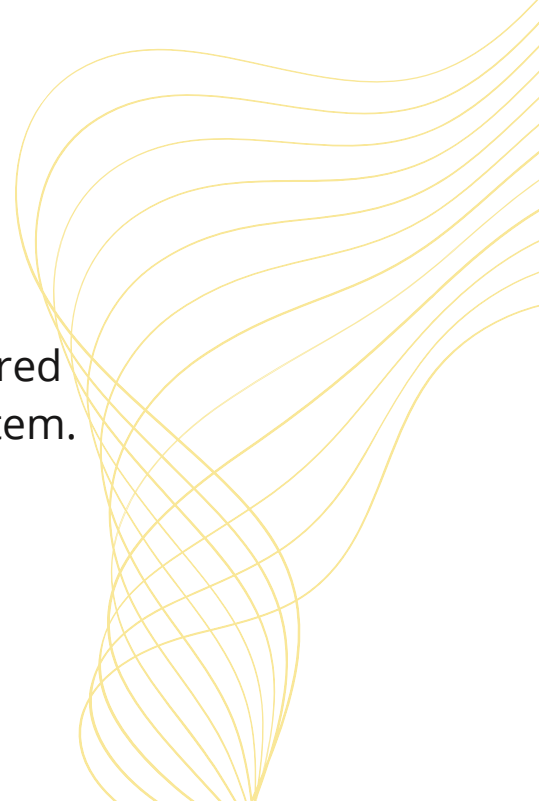
The use of MySQL as the primary data source for the reporting infrastructure has improved the performance and scalability of the reporting infrastructure.

03


The use of Power BI as the business intelligence tool for the reporting infrastructure has made it easy for the company's employees to create and use reports.

04

The company is able to generate the required reports from the data in its legacy ERP system.







# Tech Used

## PowerBI, MySQL

- The MySQL database was created using the MySQL Workbench tool.
- The Power BI reports were built using the Power BI Desktop tool.
- The Power BI site was created using the Power BI Service.
- The Power BI site was made accessible to the company's employees through the company's intranet by using the Power BI Gateway.

### Technical Considerations

- The performance and scalability of the reporting infrastructure was a key consideration. MySQL was chosen as the primary data source for the reporting infrastructure because it is a high-performance, scalable database.
- The ease of use of the reporting infrastructure was also a key consideration. Power BI was chosen as the business intelligence tool for the reporting infrastructure because it is a user-friendly tool that allows users to easily create and use reports.

