Ruby Collins

Healthcare Data Analyst | SQL, R & Power BI for Health Service Performance

Melbourne, VIC · +61 491 572 665 · ruby.collins@example.com · linkedin.com/in/ruby-collins

SUMMARY

Healthcare data analyst with six years of experience in public hospital and primary health reporting. Uses SQL, R and Power BI to turn patient flow, waitlist and service activity data into reports that clinicians and managers use, and applies de-identification and small-cell suppression before any data leaves the organisation. Agrees indicator definitions with clinical leads so figures match across teams.

SKILLS

Analysis	SQL (SQL Server), R, Excel, Data linkage, Descriptive statistics
Reporting	Power BI, Performance indicators, Board reporting, Data definitions
Data governance	De-identification, Small-cell suppression, Data quality checks, Release logs

EXPERIENCE

Data Analyst, Health Service Performance — Jul 2023 – Present

Fictional metropolitan health service · Melbourne, VIC

Public health service with three hospitals; performance and reporting team of six analysts.

- Rebuilt the emergency department length-of-stay report in SQL Server and Power BI, giving nurse unit managers a daily view by triage category.
- Reconciled elective surgery waitlist extracts against the state submission each month, resolving 140 mismatched records before the reporting deadline.
- Automated the monthly board performance pack with R and SQL, cutting preparation from three days to one and removing manual copy-and-paste steps.
- Analysed discharge timing across 52,000 inpatient episodes; the bed management team moved two daily discharge huddles earlier based on the findings.
- Wrote definitions for 35 performance indicators with clinical leads, ending recurring disputes over how readmissions were counted.
- Applied small-cell suppression and de-identification rules to every external report and logged each release in the data governance register.

Tools: SQL Server, R, Power BI, Excel

Reporting Analyst — Feb 2021 – Jun 2023

Fictional regional primary health network · Bendigo, VIC

Regional primary health network commissioning GP, mental health and after-hours services.

- Built Power BI dashboards tracking referrals and wait times for 14 commissioned mental health services.
- Linked de-identified GP practice data with service activity to report chronic disease screening rates by local government area for the planning team.

- Cut quarterly contract reporting effort by about 30% by standardising provider data templates and the validation rules agreed with each provider.
- Prepared the needs assessment tables and charts used in the regional three-year health plan.
- Answered data requests from program managers and turned the recurring ones into self-service reports.

Tools: SQL, Power BI, Excel

Graduate Data Officer

Mar 2020 – Jan 2021

Fictional regional primary health network · Bendigo, VIC

Graduate role in the data and reporting team during a year of rapid service changes.

- Cleaned and loaded weekly service activity files from 20 providers into the reporting database.
- Maintained telehealth uptake trackers in Excel for the commissioning team's weekly planning meeting.

EDUCATION

Bachelor of Health Sciences

Feb 2016 – Nov 2019

La Trobe University · Health information management major