Data analyst

Definition

A data analyst is a data management role identifying data requirements, defining data, and developing and maintaining data models.

Notes

A data analyst translates data into insights to improve and refine the (business) processes [1][2][3]. In addition, business decisions will depend on his or her analyses [3].

Responsiblities of a data analyst are: [2]

- Collecting data from different sources, either by surveying people, or gathering already captured data.
- Cleaning and preparing data depending on the requirements of the analysis to ensure result accuracy.
- Analyzing data and interpreting results – this involves identifying trends or patterns in data that can help in making informed decisions.
- Communicating analysed results to teams through visualizations or written reports.

The data quality analyst's duties may vary. The specialist may perform the data consumer's duties, such as data standard definition and documentation, maintain the quality of data before it's loaded into a data warehouse (which is usually the data custodian's work) [1].

The data quality analyst responsibilities may include:

- Monitoring and reviewing the quality (accuracy, integrity) of data that users enter into company systems, data that are extracted, transformed and loaded into a data warehouse.
- Identifying the root cause of data issues and solving them.
- Measuring and reporting to management on data quality assessment results and ongoing data quality improvement.
- Establishing and oversight of service level agreements, communication protocols with data suppliers, and data quality assurance policies and procedures.
- Documenting the ROI of data quality activities.

Relations

A data analyst is an instance of a data management role.

A data analyst is part of DQMS-element roles and responsibilities

References

[1] Data Quality Management: Roles, Processes, Tools. (2019, 17 oktober). Altexsoft. Geraadpleegd op

1 juli 2022, van https://www.altexsoft.com/blog/data-quality-management-and-tools/

[2] Ziad, Z. (2022, 23 februari). Building a Data Quality Team: Roles and Responsibilities to Consider. Data Ladder. Geraadpleegd op 3 juli 2022, van https://dataladder.com/building-a-data-quality-team-roles-and-responsibilities-to-consider/

[3] Hoe stel je een data management team samen? (z.d.). Yellowground. Geraadpleegd op 1 juli 2022, van https://yellowground.eu/hoe-stel-je-een-data-management-team-samen/

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