

Occupation Sector - ICT

Name of the Occupation/ Job

Data Analytics Specialists

Occupation/ Job description

Data Analytics Specialist is a person who analyze, categorize data for various purposes using computer software and applications. He/she also responsible for ensuring that their systems' analytical capabilities and strategies to meet existing and future business needs, and must ensure the efficiency of data integrity, data management, productivity, and system security.

Duties of the Occupation/Job –

- Understanding and meeting client needs, whether internal stakeholders or external clients
- Managing data specialist teams to produce project deliverables
- Ensuring data accuracy and integrity
- Analyzing trends to gain insights
- Developing solutions for challenges
- Creating customized reports and presentations backed with data visualization and effective story telling
- Presenting conclusions and recommendations to senior leadership and organizational stakeholders

Expected Income per Month

Average salaries of various positions as data analysts are as follows. But the payments are subject to the level of knowledge, skills and competencies

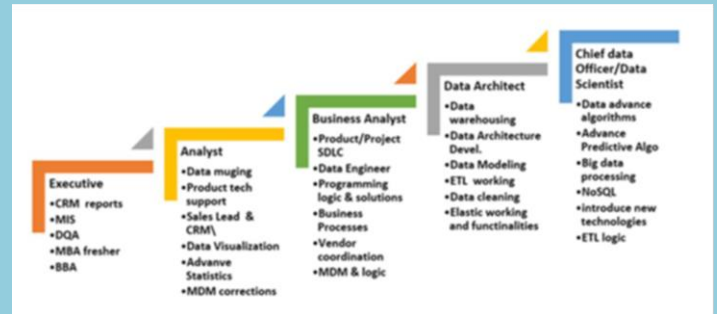
- Intern -20,000-40,000
- Junior Analyst – 40,000-75,000
- Analyst -75,000-125,000
- Specialists –above 125,000

Working Environment

Office or work sites.

Available Career Paths

Many computer support specialists advance to other information technology positions, such as network and computer systems administrators and software developers. Some become managers in the computer support services department. Some organizations provide paths for support specialists to move into other parts of the organization, such as sales.



Skills/Attributes and training needed

Knowledge

- **Python** : Python is currently one of the most commonly used programming languages
- **SQL (Structured Query Language)** : Working with data sources is a necessary aspect of data analytics.
- **Data Visualization Skills** : Knowing how to visualize data and communicate results is a huge competitive edge for job seekers.

Technical Skills

- Strong technical prowess to harness data into meaningful and actionable insights,
- Ability to bridge the technical and business side to execute projects and develop informative deliverables
- evaluate and analyze business needs to improve their companies' dashboards, and they may be required to use tools such as Success Factors Workforce Analytics platform, PeopleSoft, Success Factors, Workday, or SAP to help their companies identify business needs and trends such as industry trends, consumer trends, and economic trends.
- should have experience with Microsoft Office programs, as Excel is often used to analyze market data and PowerPoint may be used for slide presentations
- Ability to design and improve data models to predict future clients' behaviors, and strong presentation skills are necessary to present findings to management or other team members.

Skills

- **Leadership and communication skills :** in order to effectively convey expectations to their team and influence stakeholders to take action.
- **Business skills:** to contextualize insights in a meaningful way.
- Strong verbal and written communication skills
- stay up-to-date with relevant new technology available in the marketplace.

Other attributes

- Able to perform university level statistical and actuarial analysis.
- Able to produce reports summarizing data for consumers with in-field expertise for lay people and outside customers.
- Familiarity with and ability to use spreadsheet and analytics software relevant to computational analysis of large datasets.
- Able to create systems and formulae for data analysis within given parameters and audit results for accuracy within set limits.

Employment Opportunities available areas

Government/Public/ Self/Private

Entry Qualification for the Occupation/Job

Professional certificates an undergraduate degree in a field such as statistics, computer science, and business administration or information systems.

Available Training paths

University Degree or NVQ level 7 in Computer Science

No. of Local Jobs Available (Last Year)

Depends with demand

Regions or countries of job availability

Depends with demand

On the Job Training (OJT)

At the Industry

Available web links/YouTube/videos /Experts to Clarify

Occupation/Job relevant issues

- ICT Industry Skills Council - www.ictskillscouncil.com
- SLASSCOM – www.slasscom.lk
- FITIS – www.fitis.lk
- Future Careers Bridge Program www.futurecareersbridge.net

For More Information

Industry Experts/ ICT Sector Council/ ICT Associations/ CG Officers

Related Occupations

- IT Systems Analyst
- Data Analyst
- Operations Analyst
- Data Scientist
- Data Engineer
- Quantitative Analyst
- Data Analytics Consultant
- Digital Marketing Manager
- Project Manager

Benefits

- Recognition with attractive salary
- Laptop, phone, devises and accessories
- Incentives and bonuses
- Travelling and meals (Not applicable to all positions)

