



Roles in an Analytics Team

Analytics teams are vital for understanding data and making informed decisions. Each role plays a crucial part in the process, contributing to the success of the team.

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Data Analyst



1 Data Cleaning and Preparation

Data analysts cleanse and prepare data for analysis by identifying and addressing inconsistencies or errors.

3 Reporting and Communication

Data analysts present findings and insights to stakeholders through reports, dashboards, or presentations.

2 Data Exploration and Analysis

They explore patterns, trends, and insights within data, often using statistical methods and visualization tools.

4 Problem Solving

Data analysts leverage their expertise to solve data-related challenges and provide actionable insights.





Data Scientist

Building Models

Data scientists develop and refine statistical and machine learning models to predict future outcomes, identify patterns, or make recommendations.

Data Analysis and Interpretation

They analyze large and complex datasets to extract meaningful insights, often using advanced statistical techniques.

Experimentation and Optimization

Data scientists conduct experiments, test hypotheses, and optimize models to ensure they achieve desired results.



Business Analyst



1

Business Requirements Gathering

Business analysts understand business needs, identify problems, and gather requirements for data-driven solutions.

2

Data Analysis and Interpretation

They analyze business data to identify trends, opportunities, and areas for improvement.

3

Solution Design and Implementation

Business analysts design data-driven solutions, coordinate with technical teams, and ensure implementation meets business needs.





Data Engineer



Data Infrastructure

Data engineers design, build, and maintain data pipelines, databases, and other data infrastructure.

Data Processing and Transformation

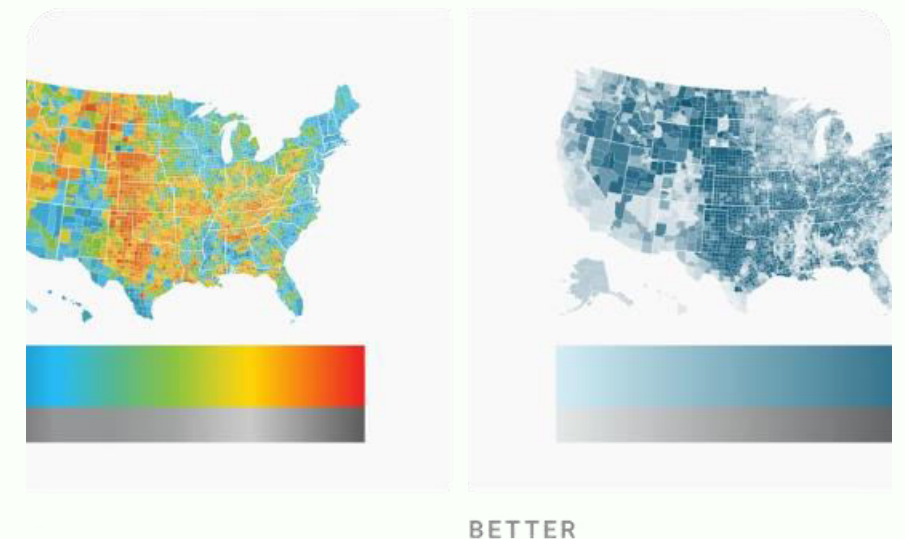
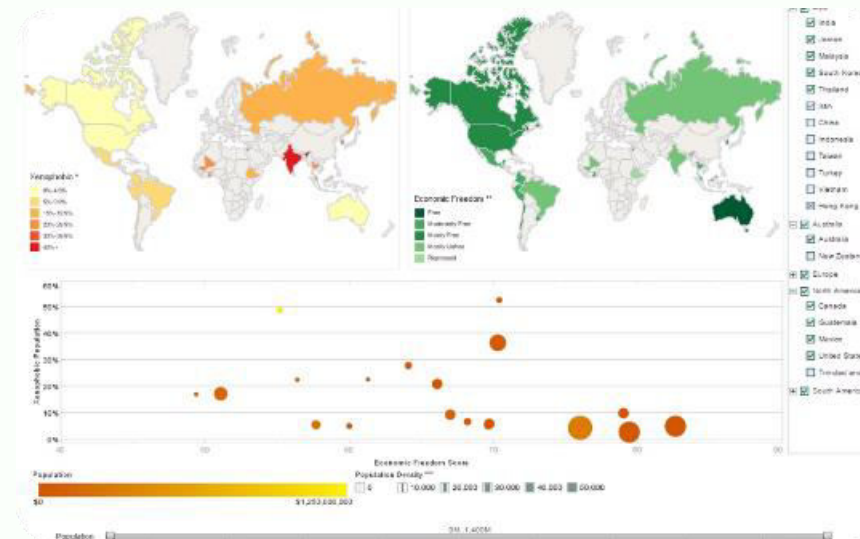
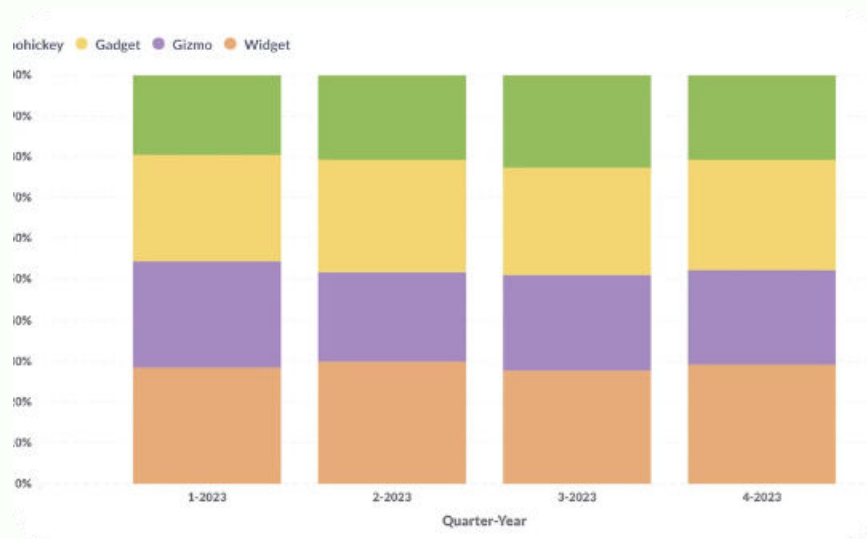
They develop and optimize processes for extracting, cleaning, and transforming data to make it usable for analysis.

Data Quality and Governance

Data engineers ensure data quality, enforce data governance policies, and implement data security measures.



Data Visualization Specialist



Data Visualization

Visualize complex data using charts, graphs, dashboards, and other visual tools.

Interactive Storytelling

Create interactive and engaging visualizations that help convey data insights and support decision-making.

User Experience Design

Design visualizations that are clear, concise, and easy to understand for a variety of audiences.



Project Manager

1

Project Planning

Project managers define project scope, set timelines, and allocate resources to achieve project goals.

2

Team Management

They oversee team members, delegate tasks, and ensure everyone is working towards project objectives.

3

Risk Management

Project managers identify potential risks, develop mitigation strategies, and ensure project progress isn't disrupted.

4

Communication and Reporting

They regularly communicate project status to stakeholders and keep everyone informed of progress and any issues.





Stakeholder Engagement Lead

Stakeholder Identification

Identify and map key stakeholders for the analytics project.

Communication Planning

Develop communication strategies and plans to effectively engage stakeholders.

Relationship Management

Build and maintain strong relationships with stakeholders, understanding their needs and expectations.

Feedback and Collaboration

Facilitate feedback gathering, collaboration, and consensus building among stakeholders.



Continuous Improvement Strategist



Process Optimization

Identify areas for improvement within the analytics team's processes and workflows.



Team Collaboration

Promote effective communication and collaboration among team members to enhance efficiency and productivity.



Data Quality

Develop strategies to improve data quality and ensure data integrity for more reliable analysis.



Tool and Technology Evaluation

Continuously evaluate and adopt new tools and technologies that can enhance the team's analytical capabilities.

