Here's a detailed, week-by-week career learning roadmap for an Analyst with Excel skills aiming to become a Data Analyst:

Weeks 1-4: Foundational Skills

* Week 1:
  * Learn the basics of statistics and data analysis (mean, median, mode, standard deviation, variance)
  * Familiarize yourself with data visualization concepts and best practices
  * Task: Complete a Coursera or edX course on statistics and data analysis (e.g., "Statistics with Excel" or "Data Analysis with Python")
* Week 2:
  * Learn SQL basics (SELECT, FROM, WHERE, GROUP BY, HAVING)
  * Practice writing SQL queries using online platforms like SQL Fiddle or Mode
  * Task: Complete a SQL tutorial or course (e.g., "SQL for Data Analysts" on DataCamp)
* Week 3:
  * Learn data visualization tools like Tableau, Power BI, or D3.js
  * Create a simple dashboard using sample data
  * Task: Complete a data visualization tutorial or course (e.g., "Data Visualization with Tableau" on Udemy)
* Week 4:
  * Learn data manipulation and cleaning using Python libraries like Pandas and NumPy
  * Practice data cleaning and manipulation using sample datasets
  * Task: Complete a Python tutorial or course (e.g., "Python for Data Analysis" on DataCamp)

Weeks 5-8: Data Analysis Skills

* Week 5:
  * Learn data analysis libraries like Matplotlib and Scikit-learn
  * Practice data analysis using sample datasets
  * Task: Complete a data analysis project using Python and Pandas
* Week 6:
  * Learn machine learning basics (supervised and unsupervised learning)
  * Practice building simple machine learning models using Scikit-learn
  * Task: Complete a machine learning tutorial or course (e.g., "Machine Learning with Python" on Coursera)
* Week 7:
  * Learn data storytelling and presentation skills
  * Practice creating data-driven stories and presenting insights
  * Task: Create a data story using a sample dataset and present it to a friend or mentor
* Week 8:
  * Learn data analysis best practices and common pitfalls
  * Practice reviewing and improving data analysis projects
  * Task: Review and improve a previous data analysis project

Weeks 9-12: Advanced Skills and Specialization

* Week 9:
  * Learn advanced SQL topics (subqueries, joins, window functions)
  * Practice writing complex SQL queries
  * Task: Complete an advanced SQL tutorial or course (e.g., "Advanced SQL" on DataCamp)
* Week 10:

  * Learn specialized data analysis skills (e.g., text analysis, time series analysis)
  * Practice applying specialized skills to sample datasets
  * Task: Complete a tutorial or course on a specialized data analysis topic
* Week 11:
  * Learn data engineering basics (data pipelines, data warehousing)
  * Practice designing and building a simple data pipeline
  * Task: Complete a data engineering tutorial or course (e.g., "Data Engineering with Python" on DataCamp)
* Week 12:
  * Learn data analysis tools and technologies used in industry (e.g., Apache Spark, AWS Glue)
  * Practice using industry-standard data analysis tools
  * Task: Complete a tutorial or course on industry-standard data analysis tools

Weeks 13-26: Real-World Experience and Portfolio Building

* Weeks 13-18:
  * Work on real-world data analysis projects using public datasets (e.g., Kaggle, UCI Machine Learning Repository)
  * Practice applying skills learned earlier to real-world problems
  * Task: Complete 2-3 real-world data analysis projects
* Weeks 19-22:
  * Participate in data analysis competitions or hackathons
  * Practice working with others on data analysis projects
  * Task: Participate in a data analysis competition or hackathon
* Weeks 23-26:
  * Build a portfolio of data analysis projects and showcase skills

* Practice presenting data analysis projects to others
* Task: Create a portfolio website or GitHub repository showcasing data analysis projects

After 26 weeks:

* Pursue a certification in data analysis (e.g., Certified Data Analyst, Google Data Analytics Certification)
* Network with professionals in the field and attend industry events
* Continuously learn and stay up-to-date with new tools, technologies, and techniques in data analysis

This roadmap provides a general outline and can be adjusted based on individual needs and goals. It's essential to practice consistently and apply skills learned to real-world problems to become a proficient Data Analyst.