

90 Days Road Map (Get high paying remote Data Analyst/Business Analyst jobs)

Learning Schedule : 3 HR x 5 Days/ 7 Days

Total Hours : 120 Hrs +

Excel

Week 1-2: Master the Basics

- Understanding Excel Interface: Ribbon, Tabs, and Functions
- Essential Functions: SUM, AVERAGE, COUNT, CONCATENATE
- Conditional Functions: IF, COUNTIF, SUMIF
- Data Sorting and Filtering
- Basic Charts: Line, Bar, and Pie Charts

Week 3: Intermediate Skills

- Pivot Tables and Pivot Charts
- Conditional Formatting
- Data Validation and Drop-Down Lists
- Named Ranges/ Tables
- Text Functions: LEFT, RIGHT, MID, TRIM, LEN, TEXT

Week 4: Advanced Skills

- Advanced Excel Formulas: INDEX-MATCH, X/VLOOKUP, HLOOKUP
 - Advanced Charting: Combo Charts, Sparklines, Line Charts, Donut Charts
 - Power Query(Merge, Appends, Add Columns, Transformations, Change Sources) – [Learn Here](#)
 - Macros & VBA (Basics) (optionals)
 - Working with Large Datasets: Removing Duplicates, Data Cleaning, Text to Column, Flash Fill
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Power BI

Week 5: Introduction

- Overview of Power BI Interface
- Connecting to Data Sources: Excel, SQL, Web
- Data Transformation with Power Query

Week 6: Visualization Basics

- Creating Reports: Bar Charts, Line Charts, and Maps
- Slicers and Filters
- Formatting and Themes

Week 7: Advanced Features

- Calculated Columns and Measures using DAX
- Hierarchies and Drill-through Reports
- Publishing and Sharing Dashboards

Week 8: Project

- **Build an End-to-End Power BI Dashboard**
 - Import and clean data
 - Create interactive visuals
 - Publish the report
 - Build Advanced Costco Sales Project – [Click Here](#)
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SQL

Week 9: Fundamentals - [To Learn Fundamentals- Click Here](#)

- SQL Basics: SELECT, FROM, WHERE
- Filtering Data: AND, OR, IN, BETWEEN, LIKE
- Sorting and Aliasing: ORDER BY, AS

Week 10: Intermediate Queries

- Joins: INNER JOIN, LEFT JOIN, RIGHT JOIN, FULL OUTER JOIN
- Aggregations: COUNT, SUM, AVG, MIN, MAX
- GROUP BY and HAVING Clauses

Week 11: Advanced Queries

- Subqueries
- Common Table Expressions (CTEs)

- Window Functions: ROW_NUMBER, RANK, PARTITION BY

Week 12: Project

- **Create a Data Model for a Business Use Case**
 - Write queries for analysis
 - Generate insights and create a report

SQL Free Project - [Click Here](#)

Python Basics

Week 13: Introduction

- Setting Up Python Environment – [Click Here](#)
- Python Syntax: Variables, Data Types, Loops, and Conditionals – [Learn Here](#)
- Functions and Modules

Week 14: Libraries for Data Analysis

- **Pandas:** DataFrames, Series, Reading and Writing Files – [Learn Here](#)
- **Numpy:** Arrays, Mathematical Operations – [Learn Here](#)

Week 15: Data Visualization

- **Matplotlib:** Basic Plots, Customizations – [Learn Here](#)
- **Seaborn:** Advanced Plots, Heatmaps, Pairplots – [Learn Here](#)

Week 16: Other Useful Libraries

- **OS:** File and Directory Management – [Learn Here](#)
- **DateTime:** Handling Dates and Times – [Learn Here](#)
- **BeautifulSoup:** Web Scraping Basics – **Coming Soon**

Week 17: Project

- **End-to-End Data Analysis Project**
 - Scrape Data from the Web – **Coming Soon**
 - Clean and Analyze Data using Pandas and Numpy – [Click Here](#)
 - Visualize Insights with Matplotlib and Seaborn – [Click Here](#)

Best Data Analyst / Business Analyst Portfolio Examples

James Le's Data Portfolio: James Le presents a comprehensive collection of data analysis projects, including Jupyter and R Notebooks, demonstrating his proficiency in various analytical techniques.

[James Kle](#)

Paulo's Data & Business Analysis Portfolio: Hosted on GitHub, this repository showcases Paulo's analytical and technical skills across tools like Excel, Python, SQL, and Power BI, featuring diverse projects that highlight his expertise.

[GitHub](#)

Tianna Parris's Data Analysis Portfolio: Tianna's GitHub repository reflects her journey in data analytics and data science, sharing projects that demonstrate her skills and track her progress in the field.

[GitHub](#)

DataCamp's Data Analyst Portfolios: DataCamp offers a curated selection of standout data analyst portfolios, featuring diverse projects and analyses that exemplify best practices in the industry.

[DataCamp](#)

Cake's Business Analyst Portfolio Examples: Cake provides a platform where business analysts share their portfolios, offering insights into how professionals present their skills and experiences in the business analysis domain.

How to get a Remote Job

Portfolio Project

[SQL + Python + Power BI Project](#)

ATS Friendly Resume

[Data Analyst / Business Analyst Resume](#)

Best 10 Remote Jobs site

1. **FlexJobs**: Offers a curated list of remote and flexible jobs, including entry-level analyst positions.
[FlexJobs](#)
2. **RemoteRocketship**: Features a variety of remote entry-level data analyst jobs suitable for beginners.
[Remote Rocketship](#)
3. **Indeed**: A comprehensive job board with filters to search for remote, entry-level data analyst and business analyst positions.
[Indeed](#)
4. **Glassdoor**: Provides company reviews and job listings, including remote entry-level data analyst roles.
[Glassdoor](#)
5. **Arc**: Specializes in remote developer jobs but also lists data-related positions, including data analysis and machine learning roles.
[Arc](#)
6. **LinkedIn**: A professional networking site with a vast job board where you can filter for remote entry-level analyst positions.
7. **SimplyHired**: Aggregates job listings from various sources, allowing searches for remote entry-level data and business analyst roles.
8. **We Work Remotely**: Focuses exclusively on remote jobs across various fields, including data analysis.
9. **Remote.co**: Offers a range of remote job listings, including entry-level positions in data and business analysis.
10. **wellfound**: Caters to startup jobs and includes remote entry-level analyst positions suitable for beginners.

All Links

(Get all these 3 course for \$50 use coupon “remotejob”)

Learn SQL + 4 data project (Paid) [Click Here](#)

Learn Advanced Excel + 5 Data project (Paid) [Click Here](#)

Learn Power BI + 2 read data project (Paid) [Click Here](#)

Additional Bonus get ATS Friendly Resume (Free)

Learn Free

Learn Excel (Free) [Click Here](#)

Learn SQL (Free) [Click Here](#)

Learn Power BI (Free) [Click Here](#)

Learn Python (Free) [Click Here](#)

All Project Link - [Click Here](#)

Remote Jobs Roles:

1. Junior Data Analyst
2. Business Intelligence (BI) Analyst
3. SQL Data Analyst
4. Marketing Data Analyst
5. Financial Data Analyst
6. Business Analyst
7. Data-Driven Business Analyst
8. Operations Analyst
9. Supply Chain Analyst
10. Product Analyst

Thank you!