DAVID ROMMEL

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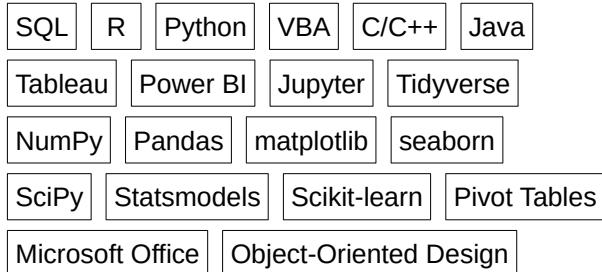
SKILLS

Proficient in the full data analysis lifecycle: collection, cleaning, transformation, analysis, and visualization. Expertise, gained from Google Data Analytics and Advanced Data Analytics Professional Certificates, includes SQL for complex querying, Python for advanced statistical modeling, predictive analytics, and machine learning, plus R for statistical analysis, and Excel for data management. Skilled in creating dynamic dashboards and insightful reports with Tableau and Power BI to communicate findings and drive strategic decisions. Adept at identifying trends, solving problems, and delivering actionable, data-driven recommendations. Possess strong analytical thinking, meticulous problem-solving skills, and attention to detail. Committed to continuous learning and applying cutting-edge analytical techniques.

Experienced in HFC network design with advanced proficiency in Magellan CAD/GIS software, specializing in complex projects such as FTTH greenfields, node splits, segmentations, and forced relocates. Skilled in interpreting fiber as-builts, walkouts, and splicing documentation, and in generating reports and design packages. Strong communicator with experience mentoring peers and coordinating with construction teams. Highly proficient in a range of CAD tools including AutoCAD, SolidWorks, and Inventor. Proficient in creating and interpreting engineering drawings.

Courses taken in Accounting, Economics, Finance, Selling, Management, and Statistics have established a strong foundation in business principles. Specialized coursework – including New Product Development, Advertising Management, Product Planning and Brand Management, Buyer Behavior, E-Commerce Marketing Tools and Applications, and Advanced Marketing Management – has deepened my understanding of marketing strategies.

TECHNICAL SKILLS

SQL	R	Python	VBA	C/C++	Java

Tableau	Power BI	Jupyter	Tidyverse

NumPy	Pandas	matplotlib	seaborn

SciPy	Statsmodels	Scikit-learn	Pivot Tables

Microsoft Office	Object-Oriented Design

PORTFOLIO

github.com/DavidRommel/Portfolio/

SUMMARY

Detail-oriented professional with two years of experience in Hybrid Fiber-Coax design, seeking to transition into data analytics. While in my previous role, I independently developed VBA macros to automate and improve workflows, which significantly reduced design errors and boosted production for myself and fellow colleagues. This success sparked a passion for data-driven problem-solving, leading me to complete both the Google Data Analytics and Advanced Data Analytics Professional Certificates. I am eager to leverage my strong technical background and newly acquired analytical skills to a new analytics role.

WORK EXPERIENCE

12/2024 to 04/2025 – **Hybrid Fiber-Coaxial (HFC) Designer 3 Charter Communications** – Coppell, TX

- Mentored junior designers on design methodology and tool usage to reduce task execution time and QC reworks.
- Designed and quality checked large-scale Fiber-To-The-Home (FTTH) and Rural Digital Opportunity Fund projects. Updated software maps and splicing to reflect changes and deviations from the original designs that were submitted by construction.
- Solicited and received management approval to initiate a process improvement team to identify shortcomings in the design process and propose solutions. Recruited a diverse team of fellow designers and coordinated team activities.

02/2024 to 12/2024 – **Hybrid Fiber-Coaxial (HFC) Designer 2 Charter Communications** – Coppell, TX

- Automated key workflows with VBA macros, which significantly reduced design errors and boosted overall team production.
- Worked on projects of increasing complexity such as: node splits and segmentations, fiber-to-the-home, and fiber as-builts.
- Performed quality control checks on projects completed by other designers and contractors, and provided technical guidance to ensure all requirements were met.
- Achieved advanced expertise in Hybrid Fiber-Coaxial (HFC) design by completing rigorous National Cable Television Institute (NCTI) coursework.

04/2023 to 02/2024 – **Hybrid Fiber-Coaxial (HFC) Designer 1 Charter Communications** – Coppell, TX

- Utilized Magellan CAD/GIS software to digitize base, strand, coax, fiber, and fiber splicing in accordance with Charter Communications digitizing standards and specifications.
- Created detailed reports and design packages for construction.
- Collaborated with construction coordinators to clarify design requirements and ensure stakeholder satisfaction.

EDUCATION

Bachelor of Business Administration in Marketing (GPA: 3.081)
University of North Texas | May 2009 | Denton, TX

PROFESSIONAL DEVELOPMENT

Google Data Analytics Professional Certificate
Google Advanced Data Analytics Professional Certificate