Riya Vinodkumar

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EDUCATION

Purdue University — **West Lafayette, USA**

- Bachelor of Science in Quantitative Business Economics at the Daniels School of Business — December 2027
  - **Minor** in Finance | **Concentration** in Data Analytics
  - **Cumulative GPA:** 3.76 / 4.00 | Economics/Finance Subjects GPA: 3.83 / 4.00
  - **Honors:** 1st Place, Eli Lilly Case Competition (2024), Finalist Cornerstone Case Competition (2025), HPAIR (Harvard University) Global Delegate (2026, Top 1%)

Relevant coursework: Corporate Finance, Financial Management, Managerial Accounting, Money & Banking, Investment Management, Econometrics, Intermediate Micro/Macroeconomics, Advanced Spreadsheet Modelling and Simulation, AI/Predictive Analytics, Data Visualization, Data Mining, Data Engineering Python, International Trade

London School of Economics and Political Science (LSE) — **London, UK**

- Summer school student, Business Strategy in International & Emerging Markets — July 2026

PROFESSIONAL EXPERIENCE

Abbott — **Abbott Park, USA**

- *AI Vendor Governance Intern* — Jan 2026 – Present
  - Partnered with Legal, Compliance, IT Security and business units to establish standardized AI vendor evaluation criteria and approval processes.
  - Supported technical assessments and risk analysis of vendor AI submissions to evaluate compliance with Abbott's AI governance framework.
  - Built SharePoint sites with documentation repositories and automated workflows to streamline AI initiative tracking; developed dashboards giving executives visibility into vendor portfolio metrics and AI adoption.
- *Data Analyst Intern* — May 2025 – December 2025
  - Developed 15+ interactive dashboards for R&D Cybersecurity tracking vendor capabilities, risk classifications and status; cleaned 1M+ data rows to support reliable security analytics and governance reporting.

Attronica (via Extern) — **Remote**

- *Financial Planning & Analysis and Private Company Valuation Extern* — Nov 2026 – Jan 2027
  - Constructing complex financial models from a 40-year-old private company's audited financial statements to evaluate its growth strategy.
  - Developing driver-based forecasts and a DCF valuation of enterprise value under alternative growth assumptions, using AI-assisted modelling to stress-test key drivers.

AirGap Networks (now ZScaler Inc.) — **Santa Clara, USA**

- *Data Analyst Intern* — June 2023 – August 2023
  - Analyzed 10,000+ MQLs using statistical tools, identifying higher-quality leads resulting in a 7% increase in sales conversion

ACADEMIC PROJECTS

- **Financial Modelling and Pricing | Reid's Raisin Company**
  - Built an Excel profit model using 14 assumptions across pricing, demand, supply costs and capacity, projecting $1.65M in revenue and $448K in annual pretax profit.
  - Tested 17 prices ($1.80–$2.60/lb); identified a $2.30 price that increased modelled pretax profit 3.4% to $464K by aligning demand with internal capacity and eliminating outsourced production.
- **Predictive Analytics | Post-Graduation Earnings** *(Upcoming Conference Presentation)*
  - Developed a regression model for five-year median earnings; filtered 227,980 records to 39,121 complete observations and identified one-year earnings as a strong correlate (r = 0.87).
  - Tested out of sample with a 60/20/20 train/validation/test split and five-fold cross-validation grouped by institution, benchmarking three models against two baselines and excluding leakage-prone variables.
- **Data Engineering | Heart Disease Risk Analysis**
  - Analyzed 1,000 patient records across 14 variables in Python (pandas, seaborn) on a four-person team; imputed missing values, engineered two features and built five visualizations showing ~58% disease prevalence among patients 60+ vs. 27% under 40.

SKILLS

- **Technical:** advanced Excel, PowerPoint, Power BI, Python (pandas, seaborn), SQL, R, Stata, SharePoint, CoPilot, Claude Code, Codex
- **Languages:** English (native); Spanish (professional working proficiency)
- **Business:** Research & Analysis, Strategy Development, Public Speaking, Leadership, Team Building

ADDITIONAL INFORMATION

- **Research:** Co-authoring "Impact of AI on Valuation of Financial Asset Classes" with an economist (University of Cambridge alumnus); found U.S. finance-sector output per worker grew 3.1% a year since 2022 (FRED).
- **Ambassador:** Brock-Wilson Center for Women in Business | **Activities:** Women in Economics; Quant. Business Economics Club
- **Certifications:** Microsoft Excel Advanced (Jun 2025); Stata for Statistical Analysis (Oct 2024); Claude Code Certification (2026)