

# Ventsi Petrov Radev

*A creative problem-solver, driven by curiosity and a love for learning.*

Built up, juggled and led 7 big data & software projects at Stanley Black & Decker, working across 3 different teams, managers & business areas, including an international 8-month rotation in Poland.

## SKILLS

Power BI	Snowflake	SQL	Python	Alteryx	Power Automate	SAP
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## EXPERIENCE

**Data Analyst // Stanley Black & Decker // Jan 2022 – Mar 2024**  
**Leadership Program – 3 rotations:**

**Supply Chain Data Analyst // Jul 2023 – Mar 2024, EMEA & ANZ, Remote**

- Drove forward a strategic initiative to dynamically connect Supply Chain reporting to Snowflake via Alteryx & Power BI, saving 100 hours of weekly manual work for planners:
  - designed an Alteryx & Python predictive modeling algorithm to determine the Safety Stock that should be carried by 25 Distribution Centers,
  - automatic identification of root causes for 30,000 weekly missed deliveries to customers,
  - analyzed demand projections history to assign a demand classification to 150,000 SKUs
  - liaised weekly with EU, MEA & ANZ Supply Chain leaders, during the projects' life-cycles
  - created flow-chart logic documentation for end-users & managers
- Quickly became a go-to person for technical issues within our team of tenured data analysts
- Maintained & documented 16 hours weekly's worth of critical manual processes in Access, Excel & Power BI, used by over 150 co-workers.
- Performed ad-hoc data cleansing for supply/demand planners and leaders, especially during the 2024 Red Sea Crisis.

**Digital Transformation Expert // Nov 2022 – Jun 2023, Poland, On-site**

- Led on-site digitalization initiative for brand new Distribution Center in Poland:
  - comprehensive suite of apps for quality assurance, materials purchasing, near misses and EHS tracking, with multilevel security, including an admin app for database changes
  - automated end-to-end connection from apps to Power BI dashboards via API
  - interactive heatmap of issues in the warehouse coded in Python (Pandas & Matplotlib),
  - recorded and documented 20 hours of live training with the local team for the app suite's maintenance,
  - apps not only sustained active usage after rotating out of Poland, but even saw a 33% average traffic increase 6 months after departing.

**Project Data Analyst // Jan 2022 – Oct 2022, United Kingdom, Hybrid**

- Created semi-automated Power BI dashboards for KPI and project tracking on a global scale.
- Integrated digital solution for tracking defective batches in the production plant.
- Completed Lean Six Sigma White & Yellow Belt training

## EDUCATION

**Master's Degree in Mathematics and Statistics**

**Lancaster University, UK (2017–2021)**

- Graduated with a First Class Honours (top-grade) from a top 10 UK university.
- Experience with statistical modeling using R.
- Produced and defended a [40-page Probability Theory proof](#) on Random Walk recurrence.
- Taught introductory university math concepts to first-year students, easing their transition.