

# Vivek Patel

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## WORK EXPERIENCE

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### FEV Tutor

Oct 2022 – Jan 2025

*Senior Data Analyst*

*Remote*

- Led a team of data analysts to develop automated reporting using PowerBI for internal stakeholders and clients.
- Contributed to AI-driven initiatives to streamline quality assurance workflows and significantly enhance product quality.
- Designed and implemented data warehouses and database schemas, unifying data across multiple systems such as Salesforce, UserPilot and other third-party providers.
- Reduced manual reporting by 90% through Python scripting, SQL queries, PowerBI and Tableau Dashboards while boosting user engagement by 80%.
- Spearheaded research collaborations with Stanford University and the National Student Support Accelerator (NSSA), conducting advanced analyses from research trials.
- Guided product roadmaps for data-driven solutions, identifying new revenue opportunities, optimising costs, and enhancing the scalability of core products.

### PetThinQ

Mar 2021 – Oct 2022

*NLP Analyst*

*London, UK*

- Extracted and cleansed data using Python libraries (Requests, BeautifulSoup, and Selenium).
- Utilised NLTK, spaCy, and regular expressions for comprehensive textual data preprocessing, optimising datasets for downstream analytics.
- Performed advanced topic modelling to categorise large datasets, enabling targeted and strategic analyses.
- Conducted exploratory data analysis to identify patterns and trends, informing key decision-making processes.
- Implemented and fine-tuned RoBERTa models for topic classification of review data, boosting accuracy and efficiency.
- Built multiple interactive Tableau dashboards, providing dynamic data visualisations and facilitating actionable stakeholder insights.

## EDUCATION

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### Portsmouth University

Jul, 2019

*Bachelor of Science, Mathematics*

*Portsmouth, UK*

- **Upper Second Class**
- Treasurer of both the Water Polo and Swimming Societies

## SKILLS & CERTIFICATIONS

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- **Skills:** Python, SQL, PowerBI, OracleDB, PostgreSQL, Tableau, Oracle Analytics Cloud, Product Management, Azure DevOps
- **Certifications:**
  - Google Data Analytics Professional - Coursera
  - Gold Badge (Python) - Hacker Rank
  - Gold Badge (SQL) - Hacker Rank
  - Certified Business Analytics - Analytics Vidyha
  - The Complete Python Programmer Bootcamp - Udemy