

NIKESH THORAT

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Data Analyst | Data Scientist | Analytics Consultant

Seeking to leverage 6 years of professional IT Analyst experience to excel as a Data Analyst. Well-versed in utilizing data-driven insights to enhance operational effectiveness with analytics. Skilled in complex SQL queries, Python for statistical analysis, and data cleaning techniques. Successful in leading projects, optimizing data accuracy, and delivering valuable results. A proactive problem-solver with a passion for driving data-driven decision-making.

CORE COMPETENCIES AND ACHIEVEMENTS

- Led **successful transition and stabilization of 2 major projects**, PWC GHC, and PacificLife LID, within deadlines, ensuring smooth customer delivery and contributing to **increased revenue for TCS**.
- Developed and executed complex **SQL** queries and utilized **Python** for advanced **statistical analysis**, achieving **90%** predictive model accuracy by developing **regression/classification** models for **data analysis** and forecasting. Reduced data errors by **25%** through **data cleaning** techniques.
- Designed and implemented **data models**, ensuring **data consistency** and **integrity**, resulting in a **20%** reduction in **data discrepancies**. Developed optimized database structures, improving data retrieval efficiency by **30%**.
- **Optimized server/device utilization**, reducing business **costs by 15%** and saving **100+ hours**. Improved decision-making **accuracy by 25%** and achieved a **10% increase in operational efficiency**.
- Created interactive **Power BI/Excel dashboards**, enabling real-time monitoring of key performance indicators, resulting in a **20% improvement** in data-driven decision-making efficiency and a **15% reduction** in reporting time.
- Leveraged structured data analysis to **automate complex processes**, reducing delivery time by **40%** and achieving a cost savings of **\$100k annually**.
- Led biweekly **cross-functional meetings** with **10+** stakeholders, resulting in accurate data requirements and user stories, **reducing project delays by 30%** and **improving data accuracy by 20%**.
- **Collaborated with stakeholders**, resolving issues promptly and same communicating effectively and **increasing customer satisfaction by 60%**. Developed **SOPs**, **reducing training time by 50%**. The guided **non-technical team**, accelerating project completion by **30%**.
- Managed **Tableau server administration**, ensuring uninterrupted access, timely deployments, and resolving developer queries, resulting in **improved efficiency** and increased user satisfaction.
- Implemented **best practices**, adapted to business requirements, and took on additional responsibilities, resulting in smooth business operations and delivering excellent results.
- Received "**Best Team Award**" twice, recognizing significant contributions as a Team Lead. Earned multiple **On-the-Spot awards** for exceptional problem-solving skills. Recognized by **Higher Management and Clients for outstanding performance, flexibility, and result-oriented mindset**.
- Received **5 consecutive 'A' performance bands**, resulting in **multiple career advancement opportunities and rapid promotions** based on outstanding performance.

PROFESSIONAL EXPERIENCE

Job Title: [British Airways - Data Science Virtual Intern](#)

Jun 2023 - Jul 2023

Forage | Remote

- **Analyzed 3500+ customer reviews** to develop a predictive model using Python and Random Forest algorithm, **achieving 85% accuracy in predicting** successful bookings.
- Identified key features driving higher sales through data analysis, resulting in actionable insights presented to higher management.

Job Title: [KPMG AU - Data Analyst Virtual Intern](#)

May 2023 - Jun 2023

Forage | Remote

- Conducted data quality assessments, ensuring **100% completeness and accuracy for precise analysis**, resulting in improved data integrity.
- Leveraged customer attributes to identify trends, **targeting high-value customers and increasing conversion rate by 15%**.

Job Title: **Middleware Admin (Tower Lead) (PacificLife)**

Nov 2020 - Dec 2022

Tata Consultancy Services | Pune, India

- Developed automated script removing inactive Jira users (>9 months), **saving 20 hours/quarter and \$90k/year. Saved \$250k by transitioning app monitoring** to a cost-effective ManageEngine tool from AppDynamics.
- Maintained **99.9% system availability through proactive monitoring and troubleshooting** for uninterrupted application performance.
- Proposed **merging and cross-training deployment teams, reducing dependency and saving 50 hours/month**, resulting in increased productivity and improved customer loyalty.
- Automated manual tasks, **reducing 30 hours/month of effort**. Collaborated with the DevOps team to implement automated deployment pipelines and software updates, improving operational efficiency and streamlining processes.
- Improved **incident response time by 50% through automated escalation workflows**, reducing mean time to resolution.
- Monitored server status and usage using data/IT analysis tools, proactively scaling resources and making collaborative **decommissioning decisions, resulting in \$50K/year cost savings** for customers.

Job Title: **NOC Engineer (Price Waterhouse Cooper)**

Feb 2017 - Oct 2020

Tata Consultancy Services | Bengaluru, India

- Implemented proactive monitoring strategies utilizing advanced analytics and machine learning algorithms-based tools to detect anomalies and predict network issues, resulting in a **20% reduction in network downtime** and a **15% improvement in incident response time**.
- Collaborated with security teams to swiftly identify and respond to security incidents, ensuring the integrity and confidentiality of network resources and **reducing the average time to resolve security incidents by 30%**.
- Validated incident response plans and enhanced incident handling capabilities through tabletop exercises and simulations, **resulting in a 25% increase in the efficiency of critical incident resolution and a 40% decrease in incident impact on business operations**.
- Contributed to network automation and orchestration initiatives, leveraging PowerShell and Python scripting to streamline routine tasks, **leading to a 50% reduction in manual effort and a 60% increase in task completion speed**.
- Conducted regular network performance assessments and optimization exercises, working closely with vendors and service providers to fine-tune network configurations, **resulting in a 15% improvement in network throughput and a 20% reduction in network latency**.

PROJECTS

[Analysing Employee Performance for Hr Analytics](#) • [Analysing User Behaviour on Instagram](#)
[Analyzing Insights for Environmental Monitoring](#) • [Exploring India's COVID-19 Journey](#)
[For more projects..](#)

EDUCATION

Bachelor of Science in Computer Science | Pune University (June 2013 - April 2016)

CERTIFICATIONS / PROFESSIONAL TRAINING

Internship on Data Analytics(30 Day's) | Pantech Solutions (Jun 2023)
Python, SQL, Power BI, Machine Learning | HackerRank, GUVI, Simplilearn, Great Learning, PantechSolutions
AWS Certified Solutions Architect - Associate Level Certification | AWS (Sep 2020)
ITIL 2011 Foundation Certificate in IT Service Management | (Apr - 2018) ,etc.

TECHNOLOGICAL / FUNCTIONAL SKILLS

Python • SQL • Power BI • Excel • Tableau • Alteryx • Git (version control) • Server Admin • Keras
Machine Learning • AppDynamics • Jira/Confluence • ServiceNow • Numpy • Pandas • Matplotlib • Scikit-learn

AREAS OF EXPERTISE

Data Cleaning and Preprocessing Techniques, Visualization, Profiling • ETL • Reporting • Data modeling
Statistical Analysis • Data mining, Querying, and Manipulation • MySQL • Requirements gathering
Data Governance • Data Quality Management • Business Intelligence • Stakeholder management
Data Privacy and Security Practices • Client Satisfaction-Driven • API Integration

SOFT SKILLS

Analytical and Critical Thinking • Problem-Solving • Planning and Coordination
Team Leadership • Team Player • Altruism • Optimistic • Quick Learner • Curiosity
Self-Starter • Self Motivated • Committed • Enthusiastic • Responsible

AWARDS

“Best Team Award” | TCS (2019, 2021), ***“On-the-spot award”*** | TCS (2020, 2022)

LANGUAGES

English | Hindi | Marathi

HOBBIES AND INTERESTS

Meditation | AudioBooks | Phycology | Yoga | Contribution | Life Long Learner...