

# NITIN MITTAL

(+91) 8708463744 ♦ [linkedIn](#) ♦ nitinmittal13101999@gmail.com

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## PROFESSIONAL SUMMARY

- Dynamic data professional with around 4 years of experience in data-quality improvement, complex dataset analysis, and predictive modeling, now pursuing a Senior Data Analyst role.
  - Key achievements include the resolution of data duplicity in a **600M** clinical notes table and leading to better decisions on **USD 14 million+** disbursal through boosting intent model performance by **7.5%**
  - Known for critical thinking, leading cross-functional collaboration, and providing strategic recommendations.
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## TECHNICAL STRENGTHS

- **Analytics Tools** - BigQuery, Tableau, MS Excel, Google Analytics, Apache Spark
  - **Technical Acquaintance** - Advanced SQL, Python, R, Descriptive Analytics, Azure, RDBMS
  - **Modeling** - A/B Testing, Machine Learning, Feature Engineering
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## WORK EXPERIENCE

### Inference Labs

January 2023 - Present

#### Data Analyst

- Developed a **Python**-based diagnosis data dashboard, enabling product teams to track data version trends and improve clinical data accessibility for users.
- Cut data-access time by **80%** and slashed manual coding effort by developing *nferR*, a HIPAA-compliant **R** SDK that unifies authentication and streamlines querying across multiple clinical platforms.
- Led cross-functional collaboration with product and customer success teams to design and deliver data tours, driving seamless onboarding for 20+ customers and enhancing data discoverability.
- Spearheaded data release processes by collaborating with product and engineering teams, enhancing documentation and delivery workflows to improve client experience and data reliability.
- Enabled resumption of a client project by resolving critical note duplicity in a **60k** patient cohort.
- Devised a new data-driven approach for duplicate note marking to address data duplicity caused by data migration within different EHR systems in recent decades.

### Smartcoin Financials

August 2021-October 2022

#### Data Analyst

- Improved business decision-making for a **USD 14 million+** quarterly disbursal by increasing the average AUC of intent prediction models by 7.5%, driving more accurate and efficient allocations.
- Created new cohort-specific models using **Python** by implementing various strategies for sampling and segmentation of customers.
- Engineered **180+** **SQL**-based features for ML models, optimizing customer segmentation and risk assessment for lending products.
- Developed location-based features to enhance risk stratification, reducing default exposure and enabling more informed credit decisions via interactive **Tableau** dashboards.
- Reduced loan offering time by **20%** by tripling SMS parsing speed through the implementation of efficient parsing patterns.

### Waxwing.AI

December 2019 - February 2020

#### Business Development Executive

- Built a **500+** prospect database in the **CRM** software by researching the market, and identifying customers' needs.
- Successfully closed **2** inspection project deals by networking among **200+** businesses, developing leads, and designing sales funnel strategically.

### Uhl Classroom

Feb 2019 - May 2019

#### Developer

- Increased user count by **150%** by onboarding more than **220** students on the e-learning platform.
  - Boosted website rating by **15%** and DAU by **12%** by adding a leaderboard to the website.
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## EDUCATION

### Indian Institute Of Technology, Mandi

August 2017 - June 2021

- B.Tech in Mechanical Engineering