

Manish Tandel

mtandel@hawk.iit.edu | Chicago, IL, 60616 | (312) 978-9501 | [linkedin.com/in/manish-tandel](https://www.linkedin.com/in/manish-tandel)

OBJECTIVE

Master of Data Science, specializing in Python, R, SQL, Machine Learning, Predictive Analytics, and Data Visualization. Seeking a position as a Data Scientist/Data Analyst.

EDUCATION

Illinois Institute of Technology, Chicago, IL

Expected 05/2021

Master of Applied Science: Data Science

GPA: 3.67/4.0

Related Courses: Machine Learning, Big Data Technologies, Applied Statistics, Statistical Learning, Database Management, Data Preparation and Analysis, Introduction to Algorithm, Data Science Practicum.

University of Mumbai, Mumbai, India

08/2017

Bachelor of Engineering: Instrumentation

GPA: 3.3/4.0

ANALYTICAL AND TECHNOLOGICAL SKILLS

- **Programming Languages:** Proficient in Python and R. Familiar with C++
- **Database Management System:** MySQL, Microsoft SQL Server, Snowflake, Redshift, Azure Data Factory
- **Analytics Software:** Proficient in Tableau, Power BI, SSIS, SSRS, and Microsoft Excel
- **Big Data Technologies:** Hadoop (HDFS), PySpark, Apache Hive, Apache Pig, Kafka
- **Cloud Technologies:** Amazon Web Services(EC2, EMR, S3, IAM, RedShift), Microsoft Azure (Blob, DF)
- **Source Version Control:** GIT

EXPERIENCE

Accenture, Chicago, IL

08/2020 – Present

Data Science Student Program

- **Analyzed** the Covid-19 dataset from CDC to get useful insights from data.
- Utilized **web scraping** techniques to draw out and organize data. Conducted regression analyses of relationship between several factors and Coronavirus confirmed cases trend, achieving a **10 %** more accurate prediction.
- Designed and created **Tableau dashboards**, provided every information about Coronavirus cases.

Daten Solutions Inc., Schaumburg, IL

07/2020 – Present

Data Engineer and Analysis Intern

- Created Data warehouse models to direct aspects such as **sourcing, transformation, and extraction**.
- Performed **Data Migration** from Baan Database to **Snowflake**. **Automated ETL** processes using **Python (Prefect)**, making it easier to wrangle data and reducing time by as much as **40%**.
- Devised reports and visualizations to present requested data in a sleek format using a **Tableau dashboard**.
- Executed **predictive analytics** such as **Machine Learning** and **Data Mining** techniques to forecast client company sales of new products with a **95% accuracy rate**.

Reliance Industries Ltd., Vadodara, Gujarat, India

07/2017 – 07/2019

Manager (Data Analyst)

- **Extracted** required discrete & continuous data, **assessed** data to remove outliers & impact of each measured variable through **hypothesis testing** and **correlation analysis** in **R** and **Python**.
- **Examined** data with **statistical methods**, **interpreting** results and **developed** implementable recommendations.
- **Collaborated** with a team of 20. Implementation of solution after analysis of Big data of over 15 years resulted in a reduction of batch cycle and thereby gaining an additional revenue of **Rupees 67million/year**.
- **Experimented** on building pipelines and tools for data transfer and share.
- **Built** and controlled **sprints** for reporting and data delivery by helping colleagues to achieve effective delivery.

ACADEMIC PROJECTS

- **Chicago Rental Bike Service (Divvy) Analysis: (R, Python, Tableau, GIT)** *02/2020 – 04/2020*
Trained a dataset of variables affecting rides of Divvy, studied the Test-Variable (Revenue) and incorporated **Multivariable analysis**, and imputed any missing data. Performed **exploratory Data Analysis**, **cleansed** data, and used **statistical models** in **Python & R**.
- **Chicago Crime Dataset Analysis: (Hadoop – HDFS, Hive, Pig, Spark, Python, AWS, GIT)** *02/2020 – 03/2020*
Integrated the **Hadoop ecosystem** tools to determine useful insights and make predictions from a police perspective that raised questions.
- **Electronic Vendor Database: (MySQL, Java 8, HTML, CSS, Bootstrap)** *10/2019 – 11/2019*
Constructed the **ER Model** and translated into Relational Schema implemented as **SQL** script.

LEADERSHIP

International Society of Automation (ISA) – VESIT Student Chapter, Mumbai, India

Executive Committee Member

06/2014 – 04/2017

- **Led** a team of 6 volunteers. Coordinated various workshops on Process Engineering for 50+ students.