



# Md. Ekramul Hoque

## Data Science Enthusiast

### CONTACT DETAILS

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### AREAS OF EXPERTISE

SQL(MySQL & PostgreSQL)

Python

Data Analysis Tools

Research

Mathematical Modeling

Business Intelligence

Product Launching

### PERSONAL SKILLS

Strategic Planning

Analytics

Data Driven Personality

Problem Solving

### LANGUAGES

Bangla

English

Hindi

### OBJECTIVE

Able to apply analytics, data insights and mathematical model for solving real world problems. With passion in data and background in computer science I am constantly in the pursuit of developing my career as data scientist

### WORK EXPERIENCE

#### **Management Trainee – Pathao, Data Science Team**

Dec 2017 – Currently Working

Role: Building Model for Incentive Plans, Rapid Statistical Experimentation and Campaign Effectiveness Analysis, Writing Queries in SQL and Converting Data into Business Decisions, Fraud Detection, Creating Data Visualization Contents in Tableau to Understand the Business Better, Real Time Data Monitoring, Automating Daily Operational tasks, Working as a Bridge Between Data Science and Data Engineering Team, Was part of Pathao Rides Launch at Sylhet and Pathao Food Launch

#### **Analyst Intern – Agile Crafts**

Feb 2017 - April 2017

Role: Project Management

### PROJECTS

#### **CGPA Prediction- Feature Selection and Predictive Analysis**

I have collected grade data on the students of AIUB and applied feature selection methods and machine learning algorithms to predict the grade of a specific course. Python, Weka, Rapidminer and Tableau were used in this project. I converted the project into a thesis paper which is accepted by a IEEE approved Conference.

#### **Medical Data Analysis- Data Preprocessing**

It was my Undergraduate thesis work, which was funded by the Bangladesh Government. I have created a data structure model to apply decision tree on the available data.

#### **Data Mining Academic Project From UCI Datasets- Supervised and Unsupervised Learning**

The project work included applying machine learning classifier algorithms, confusion matrix, ROC curve and unsupervised learning. The project is available at: <https://goo.gl/serW0a>

### ACADEMIC QUALIFICATIONS

#### **BSc in Computer Science and Software Engineering**

American International University Bangladesh 2013 - 2017

CGPA: 3.56

#### **HSC**

Dhaka Residential Model College

2009 - 2011

GPA: 5

#### **SSC**

Dhaka Residential Model College

2007-2009

GPA: 5

### AWARDS AND ACHIEVEMENTS

- Championed in AIUB CS fest apps show casing (Web) contest 2015
- Participated in Hackathons and volunteer activities during Bachelor degree
- Two paper on machine learning field has been accepted by IEEE approved conference