

Karnataka Bank, a leading digitally advanced Private Sector Bank with pan-India footprint, offers exciting opportunities for dynamic individuals to join its highly competent workforce.  
 Applications are invited from Indian Nationals for the following roles/posts;

### 1. Senior Data Scientist

<b>Qualification</b>	<ul style="list-style-type: none"> <li>• B E / B Tech or Masters in Statistics</li> <li>• Preferably Masters and/or Certifications in Analytics</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>5+ years of experience in data science and business analytics</b></li> <li>• Development of Predictive analytics models using machine learning and linear algorithms.</li> <li>• Should have worked in data science profile in the past</li> <li>• Should have worked on classification, regression, and forecasting business problem statements</li> <li>• Expertise in model training and validation to improve higher accuracy and model stability</li> <li>• Experience in maintaining analytics model and develop analytics governance frameworks</li> <li>• Should have worked in different technology stacks (Cloud/on Prem) for model deployment and production</li> <li>• Experience in working with business stakeholders and for curation of analytics problems</li> <li>• Should have analytics delivery experience on Business Analytics, Data science, and Natural Language processing</li> <li>• Prior experience in Big Data projects</li> <li>• Should have worked on banking use cases like cross sell, upsell, customer retention, customer acquisition, customer servicing, personalization, ATM optimization, Branch analytics</li> <li>• Own Data assessment for analytics and building data foundations for analytics use cases.</li> <li>• Exposure to Artificial intelligence techniques and use cases</li> <li>• Experience in use of language models (NLP) for business</li> <li>• Hands on programming experience on Python</li> </ul>
<b>Age</b>	Maximum : 35 years

<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.
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<b>Brief Job Profile</b>	
<ul style="list-style-type: none"> <li>• Senior Data scientist will develop and maintain statistical models, apply machine learning techniques and build high-quality predictive/prescriptive systems.</li> <li>• The senior data scientist will also make technology and business recommendations, as well as develop key insights based on data analysis.</li> <li>• The candidate must be able to partner with business stakeholders in order to curate business problem statements and guide business priorities using data.</li> <li>• The data scientist will serve as a domain expert and will develop a rapport with our internal business partners as an essential, long-term part of the team.</li> </ul>	

<b>Skill &amp; Competencies Requirement</b>	
<ul style="list-style-type: none"> <li>• Proficiency in predictive modeling, feature engineering, Hypothesis testing and Machine Learning (Decision Trees, GBM, XG-Boost, GLM modeling, Forecasting, Scorecard development, Clustering)</li> <li>• Proficiency in A/B Testing, campaign design and scaling data science models into production level model that can handle complex real-time data</li> <li>• Preferable experience in SAS /R/ SQL</li> <li>• Expertise in different analytics Tech-stacks (AWS/ Azure/ GCP)</li> <li>• Proficiency in analytics project management and working with business stakeholders</li> <li>• Expertise in collating data from different sources, data mining and data wrangling</li> <li>• Excellent communication skills with ability to explain the problems/solutions with clarity</li> <li>• Must have good presentation skills</li> </ul>	

## 2. Junior Data Scientist

<b>Qualification</b>	<ul style="list-style-type: none"> <li>• B E / B Tech or Masters in Statistics</li> <li>• Preferably Masters and/or Certifications in Analytics</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>2+ years of experience in data science and business analytics</b></li> <li>• Should have worked with as data science profiles in the past</li> <li>• Development of Predictive analytics models using machine learning and linear algorithms.</li> <li>• Should have worked on classification, regression, and forecasting business problem statements</li> <li>• Expertise in model training and validation to improve higher accuracy and model stability</li> <li>• Experience in maintaining analytics model and develop analytics</li> </ul>

	<p>governance frameworks</p> <ul style="list-style-type: none"> <li>• Have worked in different technology stacks (Cloud/on Prem) for model deployment and production</li> <li>• Experience in working with business stakeholders and for curation of analytics problems</li> <li>• Must have analytics delivery experience on Business Analytics, Data science, and Natural Language processing</li> <li>• Prior experience in Big Data projects</li> <li>• Must have worked on banking use cases like cross sell, upsell, customer retention, customer acquisition, customer servicing, personalization, ATM optimization, Branch analytics</li> <li>• Own Data assessment for analytics and building data foundations for analytics use cases.</li> <li>• Exposure to Artificial intelligence techniques and use cases</li> <li>• Experience in use of language models (NLP) for business</li> </ul>
<b>Age</b>	Maximum : 30 years
<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.

<b>Brief Job Profile</b>	
	<ul style="list-style-type: none"> <li>• Junior Data scientist will develop and maintain statistical models, apply machine learning techniques and build high-quality predictive/prescriptive systems.</li> <li>• The junior data scientist will also make technology and business recommendations, as well as develop key insights based on data analysis.</li> <li>• The candidate must be able to partner with business stakeholders in order to curate business problem statements and guide business priorities using data.</li> <li>• The data scientist will serve as a domain expert and will develop a rapport with our internal business partners as an essential, long-term part of the team.</li> </ul>

<b>Skill &amp; Competencies Requirement</b>	
	<ul style="list-style-type: none"> <li>• Proficiency in predictive modeling, feature engineering, Hypothesis testing and Machine Learning (Decision Trees, GBM, XG-Boost, GLM modeling, Forecasting, Scorecard development, Clustering)</li> <li>• Proficiency in A/B Testing, campaign design and scaling data science models into production level model that can handle complex real-time data</li> <li>• Hands on programming experience on Python</li> <li>• Preferable experience in SAS /R/ SQL</li> <li>• Experience in working on different analytics Tech-stacks (AWS/ Azure/ GCP)</li> <li>• Proficiency in analytics project management and working with business stakeholders</li> <li>• Expertise in collating data from different sources, data mining and data wrangling</li> </ul>

- Excellent communication skills with ability to explain the problems/solutions with clarity
- Must have good presentation skills

### 3. Senior Data Engineer

<b>Qualification</b>	B E / B Tech or Masters in Statistics
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>5+ years of experience in Data engineering</b></li> <li>• Experience in creation and deployment of scalable data pipelines for analytical needs</li> <li>• Prior experience as data engineer with Banking is must.</li> <li>• Worked on building Data warehouse and Data Lake</li> <li>• Knowledge of data management fundamentals and data storage principles</li> <li>• Experience in Database/ETL Performance Tuning Skills and Airflows</li> <li>• Strong analytical thinking to tackle challenging engineering problems</li> <li>• Prior experience in MDM and data governance</li> <li>• Prior experience in Hadoop</li> <li>• 4+ years of experience in building and supporting Data Warehouse and Data marts structures</li> <li>• Expertise in data architect and data roadmap journey</li> <li>• Proficiency in how data is sourced, processed, organized and used by designing instrumentation specs to capture logging of new product features in easy-to-use, scalable data structures</li> </ul>
<b>Age</b>	Maximum : 35 years
<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.

#### **Brief Job Profile**

- The Data Engineer will help in transforming the developing high-quality data infrastructure from core banking system and will be responsible for maintaining the same thereafter.
- The candidate will also be developing scalable services that are capable of ingesting and transforming data at huge scale coming from many different sources on schedule for analytical use case.
- Candidate will develop and design functional data foundations based on the business requirements.
- Work closely with stakeholders (Reporting team, Analysts and Business) and source system domain experts along with the engagement and delivering of complex integrations from both internal and external data sources.

<b>Skill &amp; Competencies Requirement</b>	
	<ul style="list-style-type: none"> <li>• Expertise in developing robust data platform components sourcing, loading, transformation and extracting data from various sources</li> <li>• Proficiency in big data, parallel processing, ETL development and data warehousing</li> <li>• Expertise in monitoring scheduled jobs, troubleshooting and fixing job failures</li> <li>• Proficiency in Apache/Scala/Kafka/Python/R/Spark/Oracle/Redshift/EMR/NoSQL/PLSQL</li> <li>• Proficiency in working on Data Modeling / Data Quality Framework</li> <li>• Expertise in working on different analytics Tech-stacks (AWS/ Azure/ GCP)Expertise in data storage and process optimization techniques in Hadoop and Spark</li> <li>• Expertise in cross team collaboration for extracting, transforming, and loading data from a wide variety of data sources using various tools</li> <li>• Build metadata processes and frameworks and Quick in exploring, analyzing, and formulating fixes for data issues</li> <li>• Champion the standardization of processes that generate data elements used in analysis and maintain document on lineage and definitions of data elements to support consistent usage in analysis</li> <li>• Commitment to Excellence - Exhibits attention to detail and a well-organized approach to problem solving</li> <li>• Methodical approach - Practiced at breaking complex tasks into manageable segments and identify mitigation strategies to possible problems or stumbling blocks</li> </ul>

#### **4. Junior Data Engineer**

<b>Qualification</b>	<ul style="list-style-type: none"> <li>• B E / B Tech / M Tech / MCA</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>2+ years of experience in Data engineering and in building and supporting Data Warehouse and Data marts structures</b></li> <li>• Prior experience as data engineer with Banking is must</li> <li>• Experience in creation and deployment of scalable data pipelines for analytical needs</li> <li>• Worked on building Data warehouse and Data Lake</li> <li>• Knowledge of data management fundamentals and data storage principles</li> <li>• Experience in Database/ETL Performance Tuning Skills and Airflows</li> <li>• Strong analytical thinking to tackle challenging engineering problems</li> <li>• Prior experience in MDM and data governance</li> </ul>

	<ul style="list-style-type: none"> <li>• Prior experience in Hadoop</li> <li>• Expertise in data architect and data roadmap journey</li> <li>• Proficiency in how data is sourced, processed, organized and used by designing instrumentation specs to capture logging of new product features in easy-to-use, scalable data structures</li> </ul>
<b>Age</b>	Maximum : 30 years
<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.

<b>Brief Job Profile</b>	
	<ul style="list-style-type: none"> <li>• The Data Engineer will help in transforming the developing high-quality data infrastructure from core banking system and will be responsible for maintaining the same thereafter.</li> <li>• The candidate will also be developing scalable services that are capable of ingesting and transforming data at huge scale coming from many different sources on schedule for analytical use case.</li> <li>• Candidate will develop and design functional data foundations based on the business requirements.</li> <li>• Work closely with stakeholders (Reporting team, Analysts and Business) and source system domain experts along with the engagement and delivering of complex integrations from both internal and external data sources.</li> </ul>

<b>Skill &amp; Competencies Requirement</b>	
	<ul style="list-style-type: none"> <li>• Expertise in developing robust data platform components sourcing, loading, transformation and extracting data from various sources</li> <li>• Proficiency in big data, parallel processing, ETL development and data warehousing</li> <li>• Expertise in monitoring scheduled jobs, troubleshooting and fixing job failures</li> <li>• Expertise in Apache/Scala/Kafka/Python/R/Spark/Oracle/Redshift/EMR/NoSQL/PLSQL</li> <li>• Proficiency in working on Data Modeling / Data Quality Framework</li> <li>• Expertise in working on different analytics Tech-stacks (AWS/ Azure/ GCP). Expertise in data storage and process optimization techniques in Hadoop and Spark</li> <li>• Expertise in cross team collaboration for extracting, transforming, and loading data from a wide variety of data sources using various tools</li> <li>• Build metadata processes and frameworks and Quick in exploring, analyzing, and formulating fixes for data issues</li> <li>• Champion the standardization of processes that generate data elements used in analysis and maintain document on lineage and definitions of data elements to support consistent usage in analysis</li> <li>• Commitment to Excellence - Exhibits attention to detail and a well-organized approach to problem solving</li> </ul>

- Methodical approach - Practiced at breaking complex tasks into manageable segments and identify mitigation strategies to possible problems or stumbling blocks

## 5. Strategy and Portfolio Analyst

<b>Qualification</b>	<ul style="list-style-type: none"> <li>• MS/MBA/M Tech in Business Analytics/BE/B Tech</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>6+ years of experience</b></li> <li>• Prior experience as business analyst in analytics companies is preferred</li> <li>• Banking domain knowledge is a must</li> <li>• Worked on different banking analytics used cases like portfolio deep dive, time series analysis, decision trees, etc.</li> <li>• Proficiency in Actionable Insight generation</li> <li>• Ability to work in challenging &amp; demanding timelines</li> <li>• Analytical thinker with strong problem structuring and solving abilities</li> <li>• Complete expertise in breaking any problem into components that can be collaboratively solved</li> <li>• 5+ years of experience in Banking and at least 3+ Experience in business analytics and strategic planning</li> <li>• Data driven decision making and communicating the same to the stakeholders</li> <li>• Expertise in tracking campaign and measuring campaign success</li> <li>• Have worked on huge data sets and ability to churn down for meaning full analysis</li> </ul>
<b>Age</b>	Maximum : 35 years
<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.

### **Brief Job Profile**

- The Strategy & Portfolio Analyst will analyze huge data of various kinds to bring out strong insights, helping in improving business process. Apply banking knowledge for formulating various strategies ensuring better customer experience and early tapping of good business opportunities.
- The candidate will be responsible for defining, developing & communicating key metrics to the leadership and drive those metrics for improving business.
- He/She should be able to support business development and new analytics solution development activities along with ability to conduct deep dive of the critical business issues for provide insights for strategic planning.
- Will be responsible for tracking key metrics and KPIs related to implementation success.

<b>Skill &amp; Competencies Requirement</b>
<ul style="list-style-type: none"> <li>• Excellent analytical, mathematical, and creative problem-solving skills</li> <li>• Excellent communication skills are must</li> <li>• Must be able to present the business solution to complex business problems in efficient manner</li> <li>• Familiarity with Project Management and governance</li> <li>• Ability to negotiate the scope of the problem through business lens</li> <li>• Highly self-motivated and ability to independently plan and execute deliveries</li> <li>• Proficiency in campaign tracking, customer segmentation, MIS creation, strategy formulation, etc.</li> <li>• Proficiency in working on Python/R/ SQL/Excel</li> <li>• Good to have also worked on SAS/Time Series/Statistical techniques before</li> <li>• Minimum 2 years of experience in working on different visualization tool - Tableau/ Power BI/ GDS</li> <li>• Expertise in working with large data sets and drawing useful insights by data crunching and manipulation</li> </ul>

## 6. Data Visualization Expert

<b>Qualification</b>	<ul style="list-style-type: none"> <li>• BE/B Tech, BSc. (Mathematics, Computer Science, Statistics)</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>• <b>Minimum 3-5 years of experience working in Data analytics, developing Business Intelligence visualizations</b></li> <li>• Proficiency in presenting meaningful actionable insights from data to senior stakeholders</li> <li>• Prior experience in analytics companies is preferred</li> <li>• Banking Domain Knowledge is a must</li> <li>• Ability to work in challenging &amp; demanding timelines</li> <li>• Analytical thinker with strong problem structuring and solving abilities</li> <li>• Ability to work cross functionality and collaboratively</li> <li>• Have worked on huge data sets and ability to churn down for meaning full analysis</li> <li>• Experience designing and delivering training classes</li> <li>• Experience with dashboard automation is a plus</li> <li>• Minimum 2 years of extensive experience in working on different visualization tool - Quicksight / Power BI/ Qlikview</li> </ul>
<b>Age</b>	Maximum : 35 years
<b>Place of Work</b>	Bengaluru or any other place as decided by the Bank.



### **Brief Job Profile**

- The data visualization expert will analyze huge data of various kinds to bring out strong insights, helping in improving business process.
- The candidate will be diligently involved in activities like Data Cleaning, Retrieval, Manipulation, Analytics and Reporting.
- The candidate should be a highly focused individual with self-driven attitude, problem solving and logical thinking to automate and improve internal processes. The goal of the candidate will be to help the team analyze data trends to make better decisions, ensuring better customer experience and early tapping of good business opportunities.
- The candidate should be able to support business development and new analytics solution development activities along with ability to conduct deep dive of the critical business issues for provide insights for strategic planning. He/she will be responsible for tracking key metrics and KPIs related to implementation success.

### **Skill & Competencies Requirement**

- Proficiency in creating compelling storytelling dashboards in PowerBI / Quicksight / Qlikview
- Expertise in working with large data sets and drawing useful insights by data crunching and manipulation
- Hands on expertise in SQL
- Ability to negotiate the scope of the problem through business lens
- Highly self-motivated and ability to independently plan and execute deliveries
- Proficiency in Python/R is preferred.
- Excellent communication skills are must
- Must be able to present the business solution to complex business problems in efficient manner

### **HOW TO APPLY**

The eligible candidates should submit their detailed **Curriculum Vitae (CV)/Resume\*** to **acoe.recruitment@ktkbank.com** **on or before 15-02-2023**. CV/Resume should be sent through mail only. CV/resume received after the due date will not be considered.

*\*CV/resume should contain all the relevant details such as date of birth (with age), marital status, qualification/s, experience (with job profile), training programmes attended, personal skills, current/expected CTC, etc.) along with recent color photo of the candidate.*

**The following documents should also be submitted along with the CV/Resume:**

- ✓ Work Experience Certificate
- ✓ Certifications relevant to the post applied

### **SELECTION & APPOINTMENT**

Candidates will be shortlisted based on the eligibility criteria and will be called for the interview. The candidates will have to appear for the interview at Bengaluru or any other place as decided by the Bank at their own cost.

The selection will be through interview and interaction on the basis of eligibility, experience and performance (subject to duly fulfilling the prescribed eligibility criteria) and satisfactory completion of background verification of the candidate. **Selected candidate will be appointed and posted immediately to Bengaluru or any other place as decided by the Bank.** The selected candidate is also liable to be transferred to any other place according to the administrative requirements of the Bank.

### **EMOLUMENTS**

The compensation, other terms & conditions will be negotiated/finalized depending upon the candidate's suitability & experience and market practices.

### **GENERAL INSTRUCTIONS**

- In case of selected candidate, all the requisite documents fulfilling the eligibility criteria will be scrutinized against the original documents. Hence, the candidates should ensure that they fulfill the prescribed eligibility criteria. In case it is detected at any stage of recruitment that the candidate does not fulfill the eligibility norms and/or that he/she has furnished any incorrect/false information/document or has suppressed any material fact(s), his/her candidature will automatically stand cancelled. If any of the above shortcoming(s) is/are detected even after recruitment, his/her contract is liable to be terminated without any notice.
- CV/Resume received without required information or not meeting any of the eligibility criteria will be rejected outright without assigning any reason thereof.
- The applications with inappropriate/incomplete subject line/without Application Proforma will be rejected, without assigning any reasons thereof.
- Mere submission of CV/Resume against this notification and apparently fulfilling the eligibility criteria would not bestow on him/her right to be called for interview.
- The Bank will not be responsible if the candidate is not able to send the CV/Resume within the stipulated date through mail on account of any reason whatsoever.
- The Bank reserves the right to alter, modify or change the eligibility criteria and /or any of the other terms and conditions mentioned in this notification. Further, the Bank reserves the right to accept or reject any application without assigning any reason whatsoever and Bank's decision in the matter of eligibility, conduct of interview and selection would be final. No correspondence in this regard will be entertained by the Bank.
- Any resultant dispute arising out of this notification shall be subject to sole jurisdiction of the Courts situated in Mangaluru.